



general catalogue
engine driven welders
generating sets

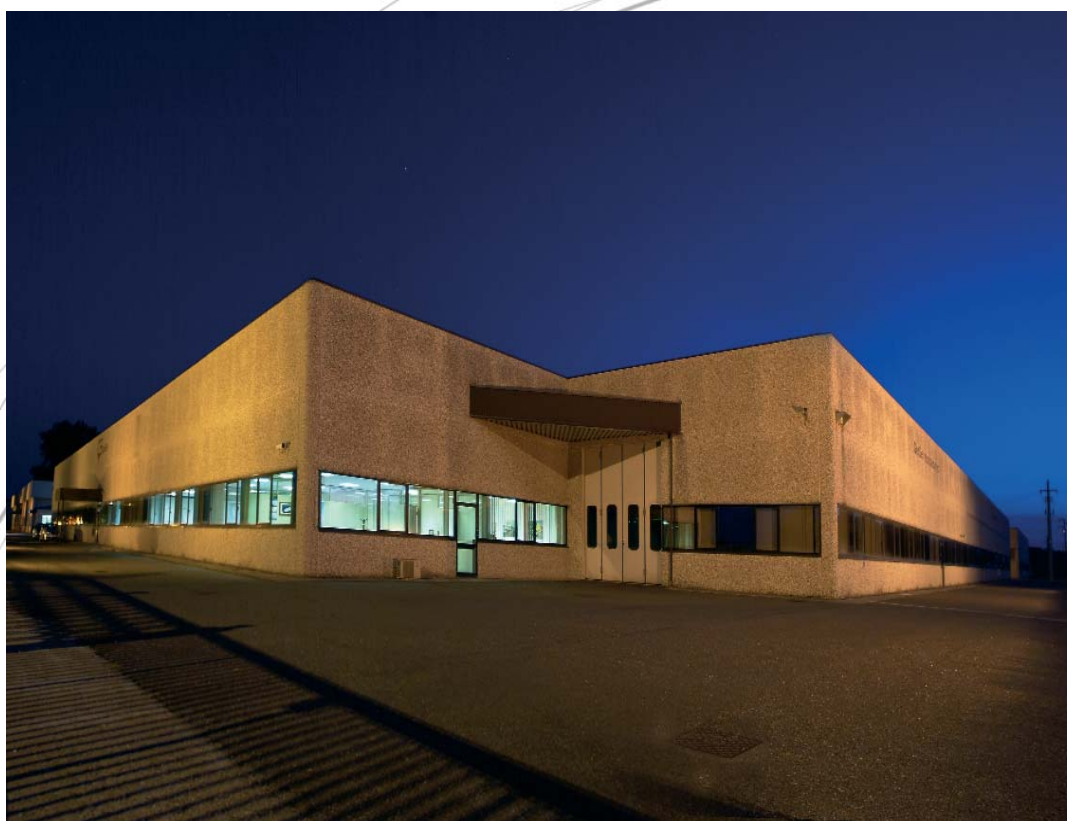
 **GenSet**

COMPANY PROFILE

Gen Set S.p.A. is one of the largest manufacturers of **engine driven welders** and **generating sets**. Founded in 1974, it gradually enlarged its range of products and extended its business throughout the world. The production facilities are located in Villanova d'Ardenghi, near Pavia, and covers an area of more than 35,000 square metres.

The high quality of the products has its origins in industrial processes arising from research and development. The progress made in this sphere has led the company to register numerous international patents, demonstrating the level of innovation achieved.

Gen Set also constructs all the components needed for the manufacturing of its machines, thereby implementing the entire production cycle in-house. This allows direct control of the quality to be carried out and provides increased production flexibility. In this way the customer can rely on not only a wide range of products, but also on endless personalisation to meet any particular requirement.



COMPANY PROFILE

In the factory at Villanova d'Ardenghi the company also designs and makes the asynchronous alternators that are installed both on the engine driven welders and on the generating sets.

The coating division is one of the most advanced and permits the application of coatings with special systems aimed at providing a lasting finish.

The bodywork and the chassis are made with automated machines, which automatically carry out any kind of process with great accuracy.

The Company has **UNI EN ISO 9001 - 2000** Quality System Certification and implements its standards in all its activities, from design to production, from purchases to sales. Each model is tested until it is fully ready to run when it is delivered.

The company's international success is also due to the technical assistance that is readily available in every corner of the world. Gen Set, through its sales network, is present in 1,200 sales outlets in Italy and in over 60 countries worldwide.

There are two production lines:

DC engine driven welders from 165 A to 1000 A;

AC generating sets from 1 kVA to 2000 kVA.





Previous page: view of the factory, sales offices.

Left page: view of testing room; welder at work in the sheet-metal department.

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SOME HINTS ABOUT NOISE (DIRECTIVE 2000/14/EC)

Noise Level (L_{WA})

Represents the acoustic energy emission from a source in the unit time, **independently from the distance.**

The L_{WA} is the measure of the machine noise level as per European Regulations.

It is measured in dB(A).

Acoustic Pressure (L_p)

Represents the pressure caused by acoustic waves emission measured at a certain distance from the source.

Its value changes according to the different distances from the source.

It is measured in dB(A).

Note

Sometimes there is a certain misunderstanding between L_{WA} and L_p.

The following table shows the mathematical relation between L_{WA} and L_p values at different distances from the source:

L_p at 1 metre = L_{WA} - 8 dB
 L_p at 4 metres = L_{WA} - 20 dB
 L_p at 7 metres = L_{WA} - 25 dB
 L_p at 10 metres = L_{WA} - 28 dB
 L_p at 16 metres = L_{WA} - 32 dB

The latest EC norms about noise, according to the **“Directive 2000/14/EC”**, state that the **sound emission limits depend on the power** of the Generating Set or the Engine Driven Welder. The limits imposed by this Directive relate to the **Guaranteed Sound Power Level** that, as opposed to the **Measured Sound Power Level**, takes into consideration all the uncertainties that may arise from production changes or different measurement procedures.

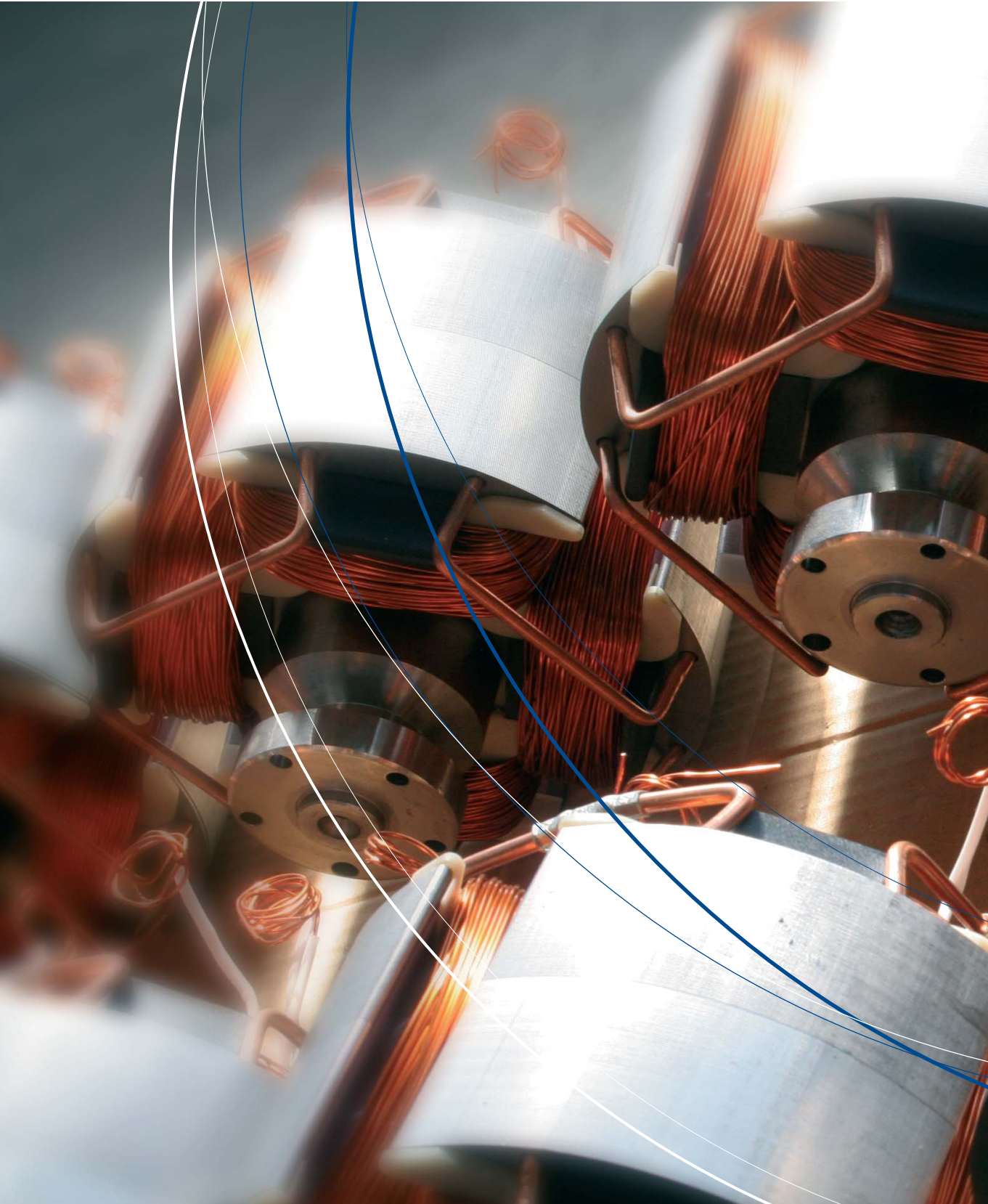
The Directive 2000/14/EC also requires that the manufacturer marks the machine specifying the Guaranteed Sound Power Level. The indication of the Guaranteed Sound Power Level must consist of the single number of the guaranteed sound power in dB, the sign L_{WA} and the specified symbol (see picture).



The reduction of the mentioned limits happened in two phases: the first in year 2002, the second in 2006.

The following table shows the limit fixed by the Directive for Power Generators and Engine Driven Welders:

Electric Power Pel kW	Admitted Power Level (L _{WA}) 03/01/02 Phase I	Admitted Power Level (L _{WA}) 03/01/06 Phase II
Pel ≤ 2	L _{WA} dB(A) 97 + log Pel	L _{WA} dB(A) 95 + log Pel
2 < Pel ≤ 10	L _{WA} dB(A) 98 + log Pel	L _{WA} dB(A) 96 + log Pel
Pel > 10	L _{WA} dB(A) 97 + log Pel	L _{WA} dB(A) 95 + log Pel



The Gen Set's Engine Driven Welders range (MPM) has been designed to meet requirements of customers needing highly professional welding equipment. This result has been achieved through the unique features of the Gen Set's asynchronous brushless alternator: versatility, reliability and efficiency.

Versatility

- + stepless current regulation, also remotely controlled;
- + "Down-Hill" vertical welding facility;
- + MIG welding;
- + Lift TIG welding facility;
- + Carbon Arc Gouging;
- + Auxiliary AC power available also while welding.

Reliability

No alternator brushes or rotating diodes; only a single bearing "squirrel cage" rotor: no maintenance required.

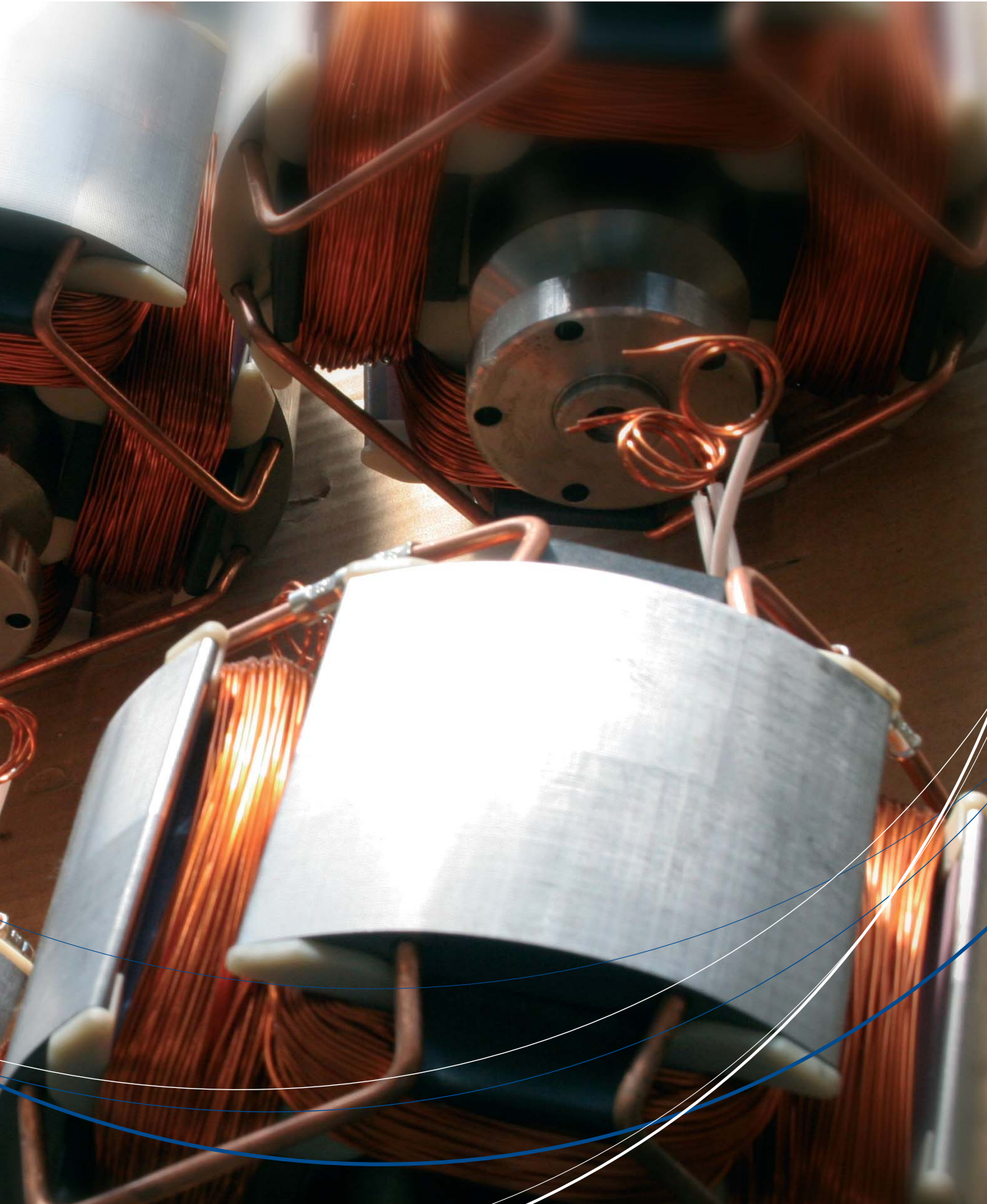
Efficiency

The MPM asynchronous brushless alternator is more efficient than conventional synchronous alternators, which results in:

- + more welding capacity;
- + better quality current with a smooth waveform and a very low harmonic distortion, without spikes: suitable for powering sensitive equipments
- + more auxiliary power available in single-phase
- + lower fuel consumption;
- + longer engine life.

Whether you need to weld a pipeline in Siberia or in Saudi Arabia, operate in a strict sound regulation area, carry out industrial maintenance jobs or steel structures, we can provide you the right welding equipment in terms of:

- + several makes of air and water cooled engines;
- + highly effective soundproofing;
- + different welding processes;
- + number of available options.



Engine Driven Welders_MPM Range

DC engine driven welders from 165 A to 1000 A

Special versions available with two,
three or four stand-alone welding units.

 **GenSet**

MW 180 I-H

PORTABLE ENGINE DRIVEN WELDER / DELIVERS **165 A** OF DC WELD OUTPUT / PERMANENT MAGNET ALTERNATOR TECHNOLOGY/ PETROL ENGINE **4000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) <ul style="list-style-type: none">+ Low oil level cut out device+ Automatic idle device when no load is connected
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ 48V DC, 800W power outlet protected by circuit breaker+ Heavy duty rugged roll frame for higher protection/carry
Accessories on Request	<ul style="list-style-type: none">+ 230V AC, single-phase Inverter unit - output power 1kVA AC+ Welding cables Ø 25 mm² (5+3 m) with accessories
Noise Level	+ LWA 98 (73 dB at 7m)
DC Welding	<ul style="list-style-type: none">+ Duty Cycle @ 60% 165 A - 26 V+ Output Range 45 A ÷ 165 A+ Open Circuit Voltage 80 V+ Max welding rod 4 mm
AC Generator	+ Type Gen Set permanent magnet alternator
Petrol Engine 4000 rpm	<ul style="list-style-type: none">+ Type Honda GX 200 OHV - 1 cyl. - 6,5 HP (4,8 kWm) - 196 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 3,8 l+ Fuel consumption @ 75% 1,6 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 460 x 370 x 470 mm+ Dry Weight 30 kg

MW 180 I-H



MPM 5/170 I-AC/S

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **170 A** OF AC WELD OUTPUT / SINGLE-PHASE AUXILIARY POWER AVAILABLE / PETROL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick - rutile only) <ul style="list-style-type: none">+ Low oil level cut out device+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Voltmeter
Gen Set Options (available as factory options)	+ Not available
Accessories on Request	+ Trolley: two-wheels and handles + Welding cables Ø 25 mm ² (5+3 m) with accessories
Noise Level	+ LWA 99 (74 dB at 7m)
AC Welding	+ Duty Cycle @ 35% 170 A - 25 V + Duty Cycle @ 60% 150 A - 25 V + Output Range 40 A ÷ 170 A + Open Circuit Voltage 60 V + Max welding rod 3,25 mm
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected + Single-phase power 4 kVA - 230 V + Power Factor 0,8
Petrol Engine 3000 rpm	+ Type Subaru EX 27 - 1 cyl. - 7 HP (5,1 kWm) - 265 cm ³ + Fuel petrol + Cooling system air + Starting system manual recoil + Fuel tank capacity 6 l + Fuel consumption @ 75% 2 l/h
Other Features	+ Insulation Class F + Mechanical Protection IP 23 + Dimensions (L x W x H) 720 x 480 x 515 mm + Dry Weight 85 kg

MPM 5/170 I-AC/S



MPM 5/170 I-SE

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **170 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / PETROL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) <ul style="list-style-type: none">+ Low oil level cut out device+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Generator running warning light
Gen Set Options (available as factory options)	+ Not available
Accessories on Request	+ Trolley: two-wheels and handles + Welding cables Ø 25 mm ² (5+3 m) with accessories
Noise Level	+ LWA 99 (74 dB at 7m)
DC Welding	+ Duty Cycle @ 35% 170 A - 27 V + Duty Cycle @ 60% 140 A - 26 V + Output Range 40 A ÷ 170 A + Open Circuit Voltage 90 V + Max welding rod 4 mm
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected + Three-phase power 4,5 kVA - 400 V + Single-phase power 3 kVA - 230 V + Power Factor 0,8
Petrol Engine 3000 rpm	+ Type Subaru EX 27 - 1 cyl. - 7 HP (5,1 kWm) - 265 cm ³ + Fuel petrol + Cooling system air + Starting system manual recoil + Fuel tank capacity 6 l + Fuel consumption @ 75% 2 l/h
Other Features	+ Insulation Class F + Mechanical Protection IP 23 + Dimensions (L x W x H) 720 x 480 x 515 mm + Dry Weight 94 kg

MPM 5/170 I-SE



MPM 5/170 I-CX/H

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **170 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / PETROL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) <ul style="list-style-type: none">+ Low oil level cut out device+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Welding cables Ø 25 mm² (5+3 m) with accessories
Noise Level	+ LWA 95 (70 dB at 7m)
DC Welding	<ul style="list-style-type: none">+ Duty Cycle @ 35% 170 A - 27 V+ Duty Cycle @ 60% 140 A - 26 V+ Output Range 40 A ÷ 170 A+ Open Circuit Voltage 90 V+ Max welding rod 4 mm
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power 4,5 kVA - 400 V+ Single-phase power 3 kVA - 230 V+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 270 OHV - 1 cyl. - 9 HP (6,6 kWm) - 270 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 6,5 l+ Fuel consumption @ 75% 2,2 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 720 x 480 x 515 mm+ Dry Weight 94 kg

MPM 5/170 I-CX/H



MPM 5/180 I-EL/H

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **180 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / PETROL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG + Stepless current adjustment + Welding with cellulosic electrode + Low oil level cut out device + 1 x 16A, 400 V - 50 Hz three-phase EEC socket + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Voltmeter + ARC FORCE CONTROL switch + Remote control socket
Gen Set Options (available as factory options)	+ Versions with different voltages + 60 Hz version
Accessories on Request	+ Trolley: two-wheels and handles + Remote control unit with 20m cable and plug + Welding cables Ø 25 mm ² (5+3 m) with accessories
Noise Level	+ L _{WA} 96 (71 dB at 7m)
DC Welding	+ Duty Cycle @ 35% 180 A - 27 V + Duty Cycle @ 60% 150 A - 26 V + Stepless current control 30 A ÷ 180 A + Open Circuit Voltage 70 V + Max welding rod 4 mm
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected + Three-phase power 5 kVA - 400 V + Single-phase power 4 kVA - 230 V + Power Factor 0,8
Petrol Engine 3000 rpm	+ Type Honda GX 340 OHV - 1 cyl. - 11 HP (8,1 kWm) - 340 cm ³ + Fuel petrol + Cooling system air + Starting system manual recoil + Fuel tank capacity 6,5 l + Fuel consumption @ 75% 2,6 l/h
Other features	+ Insulation Class F + Mechanical Protection IP 23 + Dimensions (L x W x H) 720 x 480 x 515 mm + Dry Weight 96 kg

MPM 5/180 I-EL/H



MPM 5/180 I-D/AE-Y

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **170 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) <ul style="list-style-type: none">+ Low oil pressure and battery charger warning lights+ 12V built-in battery with electric start+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 48 V - 50 Hz single-phase outlet (safety low voltage)+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Fuel level indicator
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Engine hourmeter+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Welding cables Ø 25 mm² (5+3 m) with accessories
Noise Level	+ LWA 99 (74 dB at 7m)
DC Welding	<ul style="list-style-type: none">+ Duty Cycle @ 35% 170 A - 27 V+ Duty Cycle @ 60% 140 A - 26 V+ Output Range 40 A ÷ 170 A+ Open Circuit Voltage 90 V+ Max welding rod 4 mm
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power 5 kVA - 400 V+ Single-phase power 4 kVA - 230 V+ Single-phase power 1,5 kVA - 48 V+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L100 AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³+ Fuel diesel+ Cooling system air+ Starting system electric (and manual)+ Fuel tank capacity 5,5 l+ Fuel consumption @ 75% 1,7 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 920 x 460 x 570 mm+ Dry Weight 148 kg

MPM 5/180 I-D/AE-Y



MPM 5/190 I-EB/H

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **190 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / PETROL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) <ul style="list-style-type: none">+ Low oil level cut out device+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Booster version: DC - 400 A engine electric starter adjustable from 10 A to 400 A, complete with ammeter+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Welding cables \varnothing 35 mm² (5+3 m) with accessories
Noise Level	+ LWA 96 (71 dB at 7m)
DC Welding	<ul style="list-style-type: none">+ Duty Cycle @ 35% 190 A - 28 V+ Duty Cycle @ 60% 170 A - 27 V+ Output Range 40 A ÷ 190 A+ Open Circuit Voltage 90 V+ Max welding rod 4 mm
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power 5 kVA - 400 V+ Single-phase power 4 kVA - 230 V+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 340 OHV - 1 cyl. - 11 HP (8,1 kWm) - 340 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 6,5 l+ Fuel consumption @ 75% 2,6 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 720 x 480 x 515 mm+ Dry Weight 96 kg

MPM 5/190 I-EB/H



MPM 5/225 I-EB/H

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **225 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / PETROL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) <ul style="list-style-type: none">+ Low oil level cut out device+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Welding cables Ø 35 mm² (5+3 m) with accessories
Noise Level	+ L _{WA} 98 (73 dB at 7m)
DC Welding	<ul style="list-style-type: none">+ Duty Cycle @ 35% 225 A - 29 V+ Duty Cycle @ 60% 170 A - 27 V+ Output Range 40 A ÷ 225 A+ Open Circuit Voltage 90 V+ Max welding rod 5 mm
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power 5 kVA - 400 V+ Single-phase power 4 kVA - 230 V+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 390 OHV - 1 cyl. - 13 HP (9,6 kWm) - 390 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 6,5 l+ Fuel consumption @ 75% 2,9 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 720 x 480 x 515 mm+ Dry Weight 96 kg

MPM 5/225 I-EB/H



MPM 5/225 SS-DR/EL

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **225 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SUPER SILENCED MODEL / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG <ul style="list-style-type: none">+ DAS, auto engine protection shutdown system with warning lights in case of:<ul style="list-style-type: none">- low oil pressure- battery charger failure- low fuel level+ 12V built-in battery with electric start+ Engine hourmeter+ ARC FORCE CONTROL switch+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket	<ul style="list-style-type: none">+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Generator running warning light+ Remote control socket+ Side lifting eyes	
Gen Set Options (available as factory options)	+ Versions with different voltages		
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Remote control unit with 20m cable and plug+ Welding cables Ø 35 mm² (5+3 m) with accessories		
Noise Level	+ Lwa 96	(71 dB at 7m)	
DC Welding	<ul style="list-style-type: none">+ Duty Cycle @ 35%+ Duty Cycle @ 60%+ Stepless current control+ Open Circuit Voltage+ Max welding rod	<ul style="list-style-type: none">225 A - 29 V175 A - 27 V30 A ÷ 225 A65 V6 mm	
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power	<ul style="list-style-type: none">5 kVA - 400 V	<ul style="list-style-type: none">+ Single-phase power 4 kVA - 230 V+ Single-phase power 1,5 kVA - 48 V+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Ruggerini ECO MD190 - 2 cyl. - 13 HP (9,6 kWm) - 851 cm³+ Fuel+ Cooling system+ Starting system+ Fuel tank capacity+ Fuel consumption @ 75%	<ul style="list-style-type: none">dieselairelectric21 l2,2 l/h	
Other Features	<ul style="list-style-type: none">+ Insulation Class+ Mechanical Protection+ Dimensions (L x W x H)+ Dry Weight	<ul style="list-style-type: none">FIP 231240 x 570 x 700 mm270 kg	

MPM 5/225 SS-DR/EL



MPM 7/250 I-DR/AE

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **250 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) <ul style="list-style-type: none">+ Low oil pressure and battery charger warning lights+ 12V built-in battery with electric start+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 48 V - 50 Hz single-phase outlet (safety low voltage)+ Earth Leakage Circuit Breaker (ELCB)
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Welding cables Ø 35 mm² (5+3 m) with accessories
Noise Level	<ul style="list-style-type: none">+ LWA 99 (74 dB at 7m)
DC Welding	<ul style="list-style-type: none">+ Duty Cycle @ 35% 250 A - 30 V+ Duty Cycle @ 60% 200 A - 28 V+ Output Range 30 A ÷ 250 A+ Open Circuit Voltage 90 V+ Max welding rod 5 mm
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power 7 kVA - 400 V+ Single-phase power 5 kVA - 230 V+ Single-phase power 1,5 kVA - 48 V+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Ruggerini ECO MD190 - 2 cyl. - 13 HP (9,6 kWm) - 851 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 15 l+ Fuel consumption @ 75% 2,2 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 930 x 450 x 760 mm+ Dry Weight 180 kg

MPM 7/250 I-DR/AE



MPM 8/270 I-EL/H

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **270 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / PETROL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG <ul style="list-style-type: none">+ Low oil pressure and battery charger warning lights+ Low oil level cut out device+ Automatic idle device when no load is connected+ 12V built-in battery with electric start+ Fuel level gauge+ Engine hourmeter	<ul style="list-style-type: none">+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Remote control socket+ ARC FORCE CONTROL switch+ Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ LIFT START TIG facility+ CC/CV control for MIG welding+ Versions with different voltages+ 60 Hz version	
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Remote control unit with 20m cable and plug+ Parallel Welding Box with ammeter and voltmeter (P-BOX)	<ul style="list-style-type: none">+ Welding cables Ø 35 mm² (5+3 m) with accessories+ Spark arrester muffler (Honda)+ MIG wire feeder
Noise Level	+ Lwa 99	(74 dB at 7m)
DC Welding	<ul style="list-style-type: none">+ Duty Cycle @ 35%+ Duty Cycle @ 60%+ Stepless current control+ Open Circuit Voltage+ Max welding rod	<ul style="list-style-type: none">270 A - 31 V250 A - 30 V15 A ÷ 270 A70 V6 mm
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power	<ul style="list-style-type: none">+ Single-phase power 6 kVA - 230 V+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 620 K1 - 2 cyl. - 20 HP (14,7 kWm) - 614 cm³+ Fuel+ Cooling system+ Starting system+ Fuel tank capacity+ Fuel consumption @ 75%	<ul style="list-style-type: none">petrolairelectric37,5 l4,8 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class+ Mechanical Protection+ Dimensions (L x W x H)+ Dry Weight	<ul style="list-style-type: none">FIP 231080 x 530 x 710 mm250 kg

MPM 8/270 I-EL/H



MPM 7/300 I-DR/EL

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **300 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG <ul style="list-style-type: none">+ Low oil pressure and battery charger warning lights+ 12V built-in battery with electric start+ Engine hourmeter+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker	<ul style="list-style-type: none">+ 1 x 48 V - 50 Hz single-phase outlet (safety low voltage)+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Remote control socket+ ARC FORCE CONTROL switch+ Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ LIFT START TIG facility+ CC/CV control for MIG welding+ Versions with different voltages	
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Remote control unit with 20m cable and plug+ Parallel Welding Box with ammeter and voltmeter (P-BOX)	<ul style="list-style-type: none">+ Welding cables Ø 35 mm² (5+3 m) with accessories+ Reverse polarity switch kit+ MIG wire feeder
Noise Level	+ Lwa 99 (74 dB at 7m)	
DC Welding	<ul style="list-style-type: none">+ Duty Cycle @ 35% 300 A - 32 V+ Duty Cycle @ 60% 250 A - 30 V+ Stepless current control 30 A ÷ 300 A+ Open Circuit Voltage 70 V+ Max welding rod 6 mm	
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power 7 kVA - 400 V	<ul style="list-style-type: none">+ Single-phase power 5 kVA - 230 V+ Single-phase power 5 kVA - 48 V+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Ruggerini RD 210 - 2 cyl. - 20 HP (14,7 kWm) - 954 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 16 l+ Fuel consumption @ 75% 3,3 l/h	
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 985 x 470 x 820 mm+ Dry Weight 280 kg	

MPM 7/300 I-DR/EL



MPM 8/300 IC-EL

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **300 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG			
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure + Automatic idle device when no load is connected + 12V built-in battery with electric start + Engine hourmeter + Fuel level gauge + 1 x 16A, 400 V - 50 Hz three-phase EEC socket 	<ul style="list-style-type: none"> + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) + Earth Leakage Circuit Breaker (ELCB) + Voltmeter + Remote control socket + ARC FORCE CONTROL switch + Central lifting eye + Two-wheels site tow undercarriage (GRT2W) 		
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + LIFT START TIG facility + CC/CV control for MIG welding + Spark arrester muffler + Versions with different voltages 			
Accessories on Request	<ul style="list-style-type: none"> + Remote control unit with 20m cable and plug + Parallel Welding Box with ammeter and voltmeter (P-BOX) + Welding cables Ø 35 mm² (5+3 m) with accessories 		<ul style="list-style-type: none"> + Reverse polarity switch kit + Trolley: two-wheels and handles + Skid base for use directly on the ground + MIG wire feeder 	
Noise Level	+ LWA 99	(74 dB at 7m)		
DC Welding	<ul style="list-style-type: none"> + Duty Cycle @ 35% + Duty Cycle @ 60% + Stepless current control 	300 A - 32 V 250 A - 30 V 30 A ÷ 300 A	<ul style="list-style-type: none"> + Open Circuit Voltage + Max welding rod 	70 V 6 mm
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type Gen Set asynchronous self-excited and self-protected + Three-phase power 	8 kVA - 400 V	<ul style="list-style-type: none"> + Single-phase power + Single-phase power + Power Factor 	7 kVA - 230 V 5 kVA - 48 V 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none"> + Type Ruggerini RD210 - 2 cyl. 20 HP (14,7 kWm) - 954 cm³ + Fuel + Cooling system 	diesel air	<ul style="list-style-type: none"> + Starting system + Fuel tank capacity + Fuel consumption @ 75% 	electric 38 l 3,3 l/h
Other Features	<ul style="list-style-type: none"> + Insulation Class + Mechanical Protection + Dimensions (L x W x H) + Dry Weight 	F IP 23 1300 x 620 x 810 mm (trailer not included) 325 kg		

MPM 8/300 IC-EL



MPM 8/300 S-Y

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **300 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SOUNDPROOF MODEL / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG		
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature + Automatic idle device when no load is connected + 12V built-in battery with electric start + Engine hourmeter + Voltmeter 	<ul style="list-style-type: none"> + Fuel level gauge + 1 x 16A, 400 V - 50 Hz three-phase EEC socket + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) + Earth Leakage Circuit Breaker (ELCB) + Remote control socket + ARC FORCE CONTROL switch + Central lifting eye 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + LIFT START TIG facility + CC/CV control for MIG welding + Spark arrester muffler 	<ul style="list-style-type: none"> + Versions with different voltages + 60 Hz version 	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote control unit with 20m cable and plug + Bunded base to retain all liquids + Reverse polarity switch kit + MIG wire feeder 	<ul style="list-style-type: none"> + Parallel Welding Box with ammeter and voltmeter (P-BOX) + Welding cables Ø 35 mm² (5+3 m) with accessories 	
Noise Level	+ Lwa 97	(72 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding	+ Duty Cycle @ 35%	300 A - 32 V	+ Open Circuit Voltage 70 V
	+ Duty Cycle @ 60%	270 A - 31 V	+ Max welding rod 6 mm
	+ Stepless current control	30 A ÷ 300 A	
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power 7 kVA - 230 V
	+ Three-phase power	8 kVA - 400 V	+ Single-phase power 5 kVA - 48 V
			+ Power Factor 0,8
Diesel Engine 3000 rpm	+ Type Yanmar 3TNV-70	- 3 cyl. - 18,1 HP (13,3 kWm) - 854 cm ³	
	+ Fuel	diesel	
	+ Cooling system	water	
	+ Starting system	electric	
	+ Fuel tank capacity	48 l	
	+ Fuel consumption @ 75%	3,6 l/h	
Other Features	+ Insulation Class	F	
	+ Mechanical Protection	IP 23	
	+ Dimensions (L x W x H)	1385 x 645 x 1050 mm	
	+ Dry Weight	435 kg	

MPM 8/300 S-Y



MPM 8/300 I-K

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **300 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG			
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ Voltmeter	
	- battery charger failure		+ Fuel level gauge	
	- low fuel level		+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket	
	- low oil pressure		+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker	
	- high coolant temperature		+ Earth Leakage Circuit Breaker (ELCB)	
	+ Automatic idle device when no load is connected		+ Remote control socket	
	+ 12V built-in battery with electric start		+ ARC FORCE CONTROL switch	
	+ Engine hourmeter		+ Central lifting eye	
Gen Set Options (available as factory options)	+ LIFT START TIG facility		+ Versions with different voltages	
	+ CC/CV control for MIG welding		+ 60 Hz version	
	+ Spark arrester muffler			
Accessories on Request	+ Trolley: two-wheels and handles		+ Welding cables Ø 35 mm ² (5+3 m) with accessories	
	+ Two-wheels site tow undercarriage (GRT2W)		+ Reverse polarity switch kit	
	+ Remote control unit with 20m cable and plug		+ MIG wire feeder	
	+ Parallel Welding Box with ammeter and voltmeter (P-BOX)			
Noise Level	+ LWA 99	(74 dB at 7m)		
DC Welding	+ Duty Cycle @ 35%	300 A - 32 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 60%	270 A - 31 V	+ Max welding rod	6 mm
	+ Stepless current control	30 A ÷ 300 A		
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power	7 kVA - 230 V
	+ Three-phase power	8 kVA - 400 V	+ Power Factor	0,8
Diesel Engine 3000 rpm	+ Type Kubota D722 - 3 cyl. - 17 HP (12,5 kWm) - 719 cm ³			
	+ Fuel	diesel		
	+ Cooling system	water		
	+ Starting system	electric		
	+ Fuel tank capacity	37,8 l		
	+ Fuel consumption @ 75%	2,9 l/h		
Other Features	+ Insulation Class	F		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	1330 x 530 x 870 mm		
	+ Dry Weight	345 kg		

MPM 8/300 I-K



MPM 8/300 S-K

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **300 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SOUNDPROOF MODEL / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG		
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature + Automatic idle device when no load is connected + 12V built-in battery with electric start + Engine hourmeter + Voltmeter 	<ul style="list-style-type: none"> + Fuel level gauge + 1 x 16A, 400 V - 50 Hz three-phase EEC socket + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) + Earth Leakage Circuit Breaker (ELCB) + Remote control socket + ARC FORCE CONTROL switch + Central lifting eye 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + LIFT START TIG facility + CC/CV control for MIG welding + Spark arrester muffler 	<ul style="list-style-type: none"> + Versions with different voltages + 60 Hz version 	
Accessories on Request	<ul style="list-style-type: none"> + Trolley: two-wheels and handles + Two-wheels site tow undercarriage (GRT2W) + Remote control unit with 20m cable and plug + Reverse polarity switch kit + MIG wire feeder 	<ul style="list-style-type: none"> + Parallel Welding Box with ammeter and voltmeter (P-BOX) + Welding cables Ø 35 mm² (5+3 m) with accessories 	
Noise Level	+ LWA 97	(72 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding	+ Duty Cycle @ 35%	300 A - 32 V	+ Open Circuit Voltage 70 V
	+ Duty Cycle @ 60%	270 A - 31 V	+ Max welding rod 6 mm
	+ Stepless current control	30 A ÷ 300 A	
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power 7 kVA - 230 V
	+ Three-phase power	8 kVA - 400 V	+ Single-phase power 5 kVA - 48 V
			+ Power Factor 0,8
Diesel Engine 3000 rpm	+ Type Kubota D722 - 3 cyl. - 17 HP (12,5 kWm) - 719 cm ³		
	+ Fuel	diesel	
	+ Cooling system	water	
	+ Starting system	electric	
	+ Fuel tank capacity	42 l	
	+ Fuel consumption @ 75%	2,9 l/h	
Other Features	+ Insulation Class	F	
	+ Mechanical Protection	IP 23	
	+ Dimensions (L x W x H)	1385 x 660 x 915 mm	
	+ Dry Weight	400 kg	

MPM 8/300 S-K

 **GenSet**



MPM 8/300 SS-K

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **300 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SUPER SILENCED MODEL / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG		
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature + Automatic idle device when no load is connected + 12V built-in battery with electric start + Engine hourmeter + Voltmeter + Fuel level gauge 	<ul style="list-style-type: none"> + 1 x 16A, 400 V - 50 Hz three-phase EEC socket + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) + Earth Leakage Circuit Breaker (ELCB) + Remote control socket + ARC FORCE CONTROL switch + Manual oil sump pump + Bunded base to retain all liquids + Central lifting eye 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + LIFT START TIG facility + CC/CV control for MIG welding + Spark arrester muffler 	<ul style="list-style-type: none"> + Versions with different voltages + 60 Hz version 	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote control unit with 20m cable and plug + Parallel Welding Box with ammeter and voltmeter (P-BOX) 	<ul style="list-style-type: none"> + Welding cables Ø 35 mm² (5+3 m) with accessories + Reverse polarity switch kit + MIG wire feeder 	
Noise Level	+ LWA 93	(68 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding	<ul style="list-style-type: none"> + Duty Cycle @ 35% + Duty Cycle @ 60% + Stepless current control 	<ul style="list-style-type: none"> 300 A - 32 V 270 A - 31 V 30 A ÷ 300 A 	<ul style="list-style-type: none"> + Open Circuit Voltage 70 V + Max welding rod 6 mm
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type Gen Set asynchronous self-excited and self-protected + Three-phase power 	<ul style="list-style-type: none"> 8 kVA - 400 V 	<ul style="list-style-type: none"> + Single-phase power 7 kVA - 230 V + Single-phase power 5 kVA - 48 V + Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none"> + Type Kubota D722 - 3 cyl. - 17 HP (12,5 kWm) - 719 cm³ + Fuel + Cooling system + Starting system + Fuel tank capacity + Fuel consumption @ 75% 	<ul style="list-style-type: none"> diesel water electric 48 l 2,9 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class + Mechanical Protection + Dimensions (L x W x H) + Dry Weight 	<ul style="list-style-type: none"> F IP 23 1385 x 645 x 1050 mm 435 kg 	

MPM 8/300 SS-K



MPM 15/400 IC-L

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **400 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG			
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ 1 x 32A, 400 V - 50 Hz three-phase EEC socket	
	- battery charger failure		+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker	
	- low fuel level		+ 1 x 48 V - 50 Hz single-phase outlet (safety low voltage)	
	- low oil pressure		+ Earth Leakage Circuit Breaker (ELCB)	
	+ Automatic idle device when no load is connected		+ Remote control socket	
	+ 12V built-in battery with electric start		+ Arc Force Control with changeover switch basic / cellulosic welding rods	
	+ Fuel level gauge		+ Central lifting eye	
	+ Engine hourmeter		+ Two-wheels site tow undercarriage (GRT2W)	
	+ Voltmeter			
Gen Set Options (available as factory options)	+ LIFT START TIG facility			
	+ CC/CV control for MIG welding			
	+ Spark arrester muffler			
	+ Versions with different voltages			
Accessories on Request	+ Remote control unit with 20m cable and plug		+ Reverse polarity switch kit	
	+ Welding cables Ø 50 mm ² (20+15 m) with accessories		+ MIG wire feeder	
Noise Level	+ LWA 99	(74 dB at 7m)		
DC Welding	+ Duty Cycle @ 35%	400 A - 36 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 60%	350 A - 34 V	+ Max welding rod	6 mm
	+ Stepless current control	30 A ÷ 400 A		
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power	10 kVA - 230 V
	+ Three-phase power		+ Single-phase power	5 kVA - 48 V
		15 kVA - 400 V	+ Power Factor	0,8
Diesel Engine 3000 rpm	+ Type Lombardini 9LD625-2 - 2 cyl. - 28,5 HP (21 kWm) - 1248 cm ³			
	+ Fuel	diesel		
	+ Cooling system	air		
	+ Starting system	electric		
	+ Fuel tank capacity	38 l		
	+ Fuel consumption @ 75%	4,7 l/h		
Other Features	+ Insulation Class	F		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	1400 x 630 x 1023 mm (trailer not included)		
	+ Dry Weight	434 kg		

MPM 15/400 IC-L



MPM 15/400 S-L

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **400 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SOUNDPROOF MODEL / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG		
	+ DAS, auto engine protection shutdown system with warning lights in case of: - battery charger failure - low fuel level - low oil pressure	+ Automatic idle device when no load is connected	+ 1 x 32A, 400 V - 50 Hz three-phase EEC socket + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) + Earth Leakage Circuit Breaker (ELCB) + Remote control socket + Arc Force Control with changeover switch basic / cellulosic welding rods + Central lifting eye + Two-wheels site tow undercarriage (GRT2W)
	+ 12V built-in battery with electric start + Fuel level gauge + Engine hourmeter + Voltmeter		
Gen Set Options (available as factory options)	+ LIFT START TIG facility + CC/CV control for MIG welding + Spark arrester muffler + Versions with different voltages		
Accessories on Request	+ Remote control unit with 20m cable and plug + Welding cables Ø 50 mm ² (20+15 m) with accessories + Reverse polarity switch kit		+ Skid base for use directly on the ground + MIG wire feeder
Noise Level	+ LWA 96	(71 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding	+ Duty Cycle @ 35%	400 A - 36 V	+ Open Circuit Voltage 70 V
	+ Duty Cycle @ 60%	350 A - 34 V	+ Max welding rod 6 mm
	+ Stepless current control	30 A ÷ 400 A	
AC Generator 50 Hz	+ Type	Gen Set asynchronous self-excited and self-protected	
	+ Three-phase power	15 kVA - 400 V	
	+ Single-phase power	10 kVA - 230 V	
	+ Single-phase power	5 kVA - 48 V	
	+ Power Factor	0,8	
Diesel Engine 3000 rpm	+ Type Lombardini 9LD625-2 - 2 cyl. - 28,5 HP (21 kWm) - 1248 cm ³	+ Starting system	electric
	+ Fuel	diesel	+ Fuel tank capacity 38 l
	+ Cooling system	air	+ Fuel consumption @ 75% 4,7 l/h
Other Features	+ Insulation Class	F	
	+ Mechanical Protection	IP 23	
	+ Dimensions (L x W x H)	1400 x 630 x 1023 mm (trailer not included)	
	+ Dry Weight	434 kg	

MPM 15/400 S-L



MPM 15/400 I-K

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **400 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG			
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ 1 x 32A, 400 V - 50 Hz three-phase EEC socket	
	- battery charger failure		+ 2 x 32A, 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers	
	- low fuel level		+ 1 x 48 V - 50 Hz single-phase outlet (safety low voltage)	
	- low oil pressure		+ Earth Leakage Circuit Breaker (ELCB)	
	- high coolant temperature		+ Remote control socket	
	+ Automatic idle device when no load is connected		+ Arc Force Control with changeover switch basic / cellulosic welding rods	
	+ Fuel level gauge		+ Central lifting eye	
	+ 12V built-in battery with electric start			
	+ Engine hourmeter			
	+ Voltmeter			
Gen Set Options (available as factory options)	+ LIFT START TIG facility			
	+ CC/CV control for MIG welding			
	+ Spark arrester muffler			
	+ Versions with different voltages			
Accessories on Request	+ Two-wheels site tow undercarriage (GRT2W)		+ Parallel Welding Box with ammeter and voltmeter (P-BOX)	
	+ Remote control unit with 20m cable and plug		+ Welding cables Ø 50 mm ² (20+15 m) with accessories	
	+ Reverse polarity switch kit			
	+ MIG wire feeder			
Noise Level	+ LWA 98	(73 dB at 7m)		
DC Welding	+ Duty Cycle @ 35%	370 A - 35 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 60%	350 A - 34 V	+ Max welding rod	6 mm
	+ Stepless current control	30 A ÷ 400 A		
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power	10 kVA - 230 V
	+ Three-phase power		+ Single-phase power	5 kVA - 48 V
		15 kVA - 400 V	+ Power Factor	0,8
Diesel Engine 3000 rpm	+ Type Kubota D1105-E - 3 cyl. - 28 HP (20,6 kWm) - 1123 cm ³			
	+ Fuel	diesel		
	+ Cooling system	water		
	+ Starting system	electric		
	+ Fuel tank capacity	38 l		
	+ Fuel consumption @ 75%	4,9 l/h		
Other Features	+ Insulation Class	F	+ Dimensions (L x W x H)	1590 x 730 x 920 mm
	+ Mechanical Protection	IP 23	+ Dry Weight	450 kg

MPM 15/400 I-K



MPM 15/400 SS-K

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **400 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SUPER SILENCED MODEL / DIESEL ENGINE **3000 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG		
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature + Automatic idle device when no load is connected + Fuel level gauge + 12V built-in battery with electric start + Engine hourmeter + Voltmeter + 1 x 32A, 400 V - 50 Hz three-phase EEC socket 	<ul style="list-style-type: none"> + 2 x 32A, 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers + 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) + Earth Leakage Circuit Breaker (ELCB) + Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30A ÷ 400A) + Remote control socket + Arc Force Control with changeover switch basic / cellulosic welding rods + Bunded base to retain all liquids + Central lifting eye + Fork-lift pockets 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + LIFT START TIG facility + CC/CV control for MIG welding + Spark arrester muffler + Versions with different voltages 		
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote control unit with 20m cable and plug + Parallel Welding Box with ammeter and voltmeter (P-BOX) + Welding cables Ø 50 mm² (20+15 m) with accessories + Reverse polarity switch kit + MIG wire feeder 		
Noise Level	+ Lwa 94	(69 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding	+ Duty Cycle @ 35%	370 A - 35 V	+ Open Circuit Voltage 70 V
	+ Duty Cycle @ 60%	350 A - 34 V	+ Max welding rod 6 mm
	+ Stepless current control	30 A ÷ 400 A	
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power 10 kVA - 230 V
	+ Three-phase power	15 kVA - 400 V	+ Single-phase power 5 kVA - 48 V
			+ Power Factor 0,8
Diesel Engine 3000 rpm	+ Type Kubota D1105-E - 3 cyl. - 24,6 HP (18,1 kWm) - 1123 cm ³		+ Starting system electric
	+ Fuel diesel		+ Fuel tank capacity 60 l
	+ Cooling system water		+ Fuel consumption @ 75% 4,9 l/h
Other Features	+ Insulation Class F		
	+ Mechanical Protection IP 23		
	+ Dimensions (L x W x H) 1600 x 840 x 1000 mm		
	+ Dry Weight 565 kg		

MPM 15/400 SS-K



MPM 16/400 S-Y

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **400 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SOUNDPROOF MODEL / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG Lift Arc / MIG / CAG		
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature - overspeed + Fuel level gauge + 12V built-in battery with electric start + Engine hourmeter - Voltmeter + Emergency STOP button + 1 x 32A, 400 V - 50 Hz three-phase EEC socket + 2 x 32A, 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers 	<ul style="list-style-type: none"> + 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) + Earth Leakage Circuit Breaker (ELCB) + Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30A ÷ 400A) + Remote control socket + Weld Voltmeter and Ammeter + Arc Force Control with changeover switch basic / cellulosic welding rods + LIFT START TIG facility + CC/CV control for MIG welding + Carbon Arc Gouging (CAG) socket + Central lifting eye + Fork-lift pockets 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Built-in polarity reversing switch + Spark arrester muffler + Versions with different voltages + 60 Hz version 		
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote control unit with 20m cable and plug + Welding cables Ø 50 mm² (20+15 m) with accessories + Reverse polarity switch kit + MIG wire feeder 		
Noise Level	+ Lwa 96	(71 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding	+ Duty Cycle @ 60%	400 A - 36 V	+ Stepless control (CV mode) 10 V ÷ 40 V
	+ Duty Cycle @ 100%	350 A - 34 V	+ Open Circuit Voltage 70 V
	+ Stepless control (CC mode)	30 A ÷ 400 A	+ Max welding rod 8 mm
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power 10 kVA - 230 V
	+ Three-phase power	16 kVA - 400 V	+ Single-phase power 5 kVA - 48 V
			+ Power Factor 0,8
Diesel Engine 1500 rpm	+ Type Yanmar 4TNV-88 - 4 cyl. - 24,5 HP (17,6 kWm) - 2190 cm ³		+ Starting system electric
	+ Fuel diesel		+ Fuel tank capacity 56 l
	+ Cooling system water		+ Fuel consumption @ 75% 4,4 l/h
Other Features	+ Insulation Class F		+ Dimensions (L x W x H) 1828 x 683 x 1230 mm
	+ Mechanical Protection IP 23		+ Dry Weight 740 kg

MPM 16/400 S-Y



MPM 16/400 SS-P

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **400 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / SUPER SILENCED MODEL / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG Lift Arc / MIG / CAG		
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature - overspeed + Fuel level gauge + 12V built-in battery with electric start + Engine hourmeter - Voltmeter + Emergency STOP button + 1 x 32A, 400 V - 50 Hz three-phase EEC socket + 2 x 32A, 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers 	<ul style="list-style-type: none"> + 1 x 48 V - 50 Hz single-phase outlet (safety low voltage) + Earth Leakage Circuit Breaker (ELCB) + Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30A ÷ 400A) + Remote control socket + Weld Voltmeter and Ammeter + Arc Force Control with changeover switch basic / cellulosic welding rods + LIFT START TIG facility + CC/CV control for MIG welding + Carbon Arc Gouging (CAG) socket + Central lifting eye + Fork-lift pockets 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Built-in polarity reversing switch + Spark arrester muffler + Versions with different voltages 	<ul style="list-style-type: none"> + 60 Hz version + Bunded base to retain all liquids 	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote control unit with 20m cable and plug + Welding cables Ø 50 mm² (20+15 m) with accessories 	<ul style="list-style-type: none"> + Reverse polarity switch kit + MIG wire feeder 	
Noise Level	+ Lwa 93 (68 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"	
DC Welding	<ul style="list-style-type: none"> + Duty Cycle @ 60% 400 A - 36 V + Duty Cycle @ 100% 350 A - 34 V + Stepless control (CC mode) 30 A ÷ 400 A 	<ul style="list-style-type: none"> + Stepless control (CV mode) 10 V ÷ 40 V + Open Circuit Voltage 70 V + Max welding rod 8 mm 	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type Gen Set asynchronous self-excited and self-protected + Three-phase power 16 kVA - 400 V 	<ul style="list-style-type: none"> + Single-phase power 10 kVA - 230 V + Single-phase power 5 kVA - 48 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 404C-22G 4 cyl. - 28 HP (20,6 kWm) - 2216 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 56 l + Fuel consumption @ 75% 4 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class F + Mechanical Protection IP 23 + Dimensions (L x W x H) 1828 x 683 x 1230 mm + Dry Weight 730 kg 		

MPM 16/400 SS-P



MPM 20/500 DZ

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **500 A** OF DC WELD OUTPUT / SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG / CAG			
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ Voltmeter	
	- battery charger failure		+ Fuel level gauge	
	- low fuel level		+ Remote control socket	
	- low oil pressure		+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker	
	- head temperature		+ Arc Force Control with changeover switch basic / cellulosic welding rods	
	- engine fan belt failure		+ Carbon Arc Gouging (CAG) socket	
	- overspeed		+ Central lifting eye	
	+ 12V built-in battery with electric start		+ Fork-lift pockets	
	+ Engine hourmeter			
Gen Set Options (available as factory options)	+ Earth Leakage Circuit Breaker (ELCB)		+ Weld Voltmeter and Ammeter	
	+ 20 kVA, three-phase output: 1 x 32A, 400V - 50Hz EEC socket with ELCB protection		+ Spark arrester muffler	
	+ LIFT START TIG facility		+ Versions with different voltages	
	+ CC/CV control for MIG welding		+ 60 Hz version	
			+ Built-in polarity reversing switch	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Four-wheels site tow undercarriage (GRT4W) + Four-wheels trailer with leaf springs and towing bar (GRT4WLB) + Remote control unit with 20m cable and plug + Welding cables Ø 50 mm² (20+15 m) with accessories + Reverse polarity switch kit + MIG wire feeder 			
Noise Level	+ LWA 103	(78 dB at 7m)		
DC Welding	+ Duty Cycle @ 60%	500 A - 40 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 100%	400 A - 36 V	+ Max welding rod	10 mm
	+ Stepless current control	30 A ÷ 500 A		
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power	10 kVA - 230 V
			+ Power Factor	0,8
Diesel Engine 1500 rpm	+ Type Deutz F3L912 - 3 cyl. - 38 HP (28,4 kWm) - 2827 cm ³		+ Starting system	electric
	+ Fuel	diesel	+ Fuel tank capacity	70 l
	+ Cooling system	air	+ Fuel consumption @ 75%	5,6 l/h
Other features	+ Insulation Class	F		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	1590 x 800 x 1150 mm		
	+ Dry Weight	920 kg		

MPM 20/500 DZ



MPM 20/500 P

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **500 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG / CAG			
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker	
	- battery charger failure		+ Engine hourmeter / Voltmeter / Fuel level gauge	
	- high coolant temperature		+ Earth Leakage Circuit Breaker (ELCB)	
	- low fuel level		+ Remote control socket	
	- low oil pressure		+ Arc Force Control with changeover switch basic / cellulosic welding rods	
	- overspeed		+ Carbon Arc Gouging (CAG) socket	
	+ 12V built-in battery with electric start		+ Central lifting eye	
	+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker		+ Fork-lift pockets	
Gen Set Options (available as factory options)	+ 20 kVA, three-phase output: 1 x 32A, 400V - 50Hz EEC socket with ELCB protection		+ Weld Voltmeter and Ammeter	
	+ LIFT START TIG facility		+ Spark arrester muffler	
	+ CC/CV control for MIG welding		+ Versions with different voltages	
	+ Built-in polarity reversing switch		+ 60 Hz version	
Accessories on Request	+ Two-wheels site tow undercarriage (GRT2W)			
	+ Four-wheels site tow undercarriage (GRT4W)			
	+ Four-wheels trailer with leaf springs and towing bar (GRT4WLB)			
	+ Remote control unit with 20m cable and plug			
	+ Welding cables Ø 50 mm ² (20+15 m) with accessories			
	+ MIG wire feeder			
Noise Level	+ Lwa 99	(74 dB at 7m)		
DC Welding	+ Duty Cycle @ 60%	500 A - 40 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 100%	400 A - 36 V	+ Max welding rod	10 mm
	+ Stepless current control	30 A ÷ 500 A		
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power	12 kVA - 230 V
			+ Power Factor	0,8
Diesel Engine 1500 rpm	+ Type Perkins 1103A-33G1 - 3 cyl.- 41,3 HP (30,4 kWm) - 3300 cm ³		+ Starting system	electric
	+ Fuel	diesel	+ Fuel tank capacity	74 l
	+ Cooling system	water	+ Fuel consumption @ 75%	5,4 l/h
Other features	+ Insulation Class	F		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	2000 x 900 x 120 mm		
	+ Dry Weight	1080 kg		

MPM 20/500 P



MPM 20/500 S-P

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **500 A**
OF DC WELD OUTPUT / SINGLE-PHASE AUXILIARY POWER
AVAILABLE / SOUNDPROOF MODEL / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG / CAG		
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed + 12V built-in battery with electric start + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker 	<ul style="list-style-type: none"> + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Engine hourmeter / Voltmeter / Fuel level gauge + Earth Leakage Circuit Breaker (ELCB) + Remote control socket + Arc Force Control with changeover switch basic / cellulosic welding rods + Carbon Arc Gouging (CAG) socket + Central lifting eye + Fork-lift pockets 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 20 kVA, three-phase output: 1 x 32A, 400V - 50Hz EEC socket with ELCB protection + LIFT START TIG facility + CC/CV control for MIG welding + Built-in polarity reversing switch 	<ul style="list-style-type: none"> + Weld Voltmeter and Ammeter + Spark arrester muffler + Versions with different voltages + 60 Hz version 	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Four-wheels site tow undercarriage (GRT4W) + Four-wheels trailer with leaf springs and towing bar (GRT4WLB) + Reverse polarity switch kit + Remote control unit with 20m cable and plug + Welding cables Ø 50 mm² (20+15 m) with accessories + MIG wire feeder 		
Noise Level	+ Lwa 96	(71 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding	+ Duty Cycle @ 60%	500 A - 40 V	+ Open Circuit Voltage 70 V
	+ Duty Cycle @ 100%	400 A - 36 V	+ Max welding rod 10 mm
	+ Stepless current control	30 A ÷ 500 A	
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power 12 kVA - 230 V
			+ Power Factor 0,8
Diesel Engine 1500 rpm	+ Type Perkins 1103C-33G3 - 3 cyl. 40,8 HP (30 kWm) - 3300 cm ³		+ Starting system electric
	+ Fuel	diesel	+ Fuel tank capacity 74 l
	+ Cooling system	water	+ Fuel consumption @ 75% 6,1 l/h
Other features	+ Insulation Class	F	
	+ Mechanical Protection	IP 23	
	+ Dimensions (L x W x H)	2000 x 900 x 120 mm	
	+ Dry Weight	1090 kg	

MPM 20/500 S-P



MPM 20/600 DZ

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **600 A** OF DC WELD OUTPUT / SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG / CAG			
	+ DAS, auto engine protection shutdown system with warning lights in case of:		+ Voltmeter	
	- battery charger failure		+ Fuel level gauge	
	- low fuel level		+ Remote control socket	
	- low oil pressure		+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker	
	- head temperature		+ Arc Force Control with changeover switch basic / cellulosic welding rods	
	- engine fan belt failure		+ Carbon Arc Gouging (CAG) socket	
	- overspeed		+ Central lifting eye	
	+ 12V built-in battery with electric start		+ Fork-lift pockets	
	+ Engine hourmeter			
Gen Set Options (available as factory options)	+ Earth Leakage Circuit Breaker (ELCB)		+ Weld Voltmeter and Ammeter	
	+ 20 kVA, three-phase output: 1 x 32A, 400V - 50Hz EEC socket with ELCB protection		+ Spark arrester muffler	
	+ LIFT START TIG facility		+ Versions with different voltages	
	+ CC/CV control for MIG welding		+ 60 Hz version	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Four-wheels site tow undercarriage (GRT4W) + Four-wheels trailer with leaf springs and towing bar (GRT4WLB) + Remote control unit with 20m cable and plug + Welding cables Ø 50 mm² (20+15 m) with accessories + MIG wire feeder 			
Noise Level	+ LWA 103	(78 dB at 7m)		
DC Welding	+ Duty Cycle @ 40%	600 A - 40 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 100%	500 A - 40 V	+ Max welding rod	10 mm
	+ Stepless current control	30 A ÷ 600 A		
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power	10 kVA - 230 V
			+ Power Factor	0,8
Diesel Engine 1500 rpm	+ Type Deutz F4L912 - 4 cyl. 51,6 HP (38 kWm) - 3770 cm ³		+ Starting system	electric
	+ Fuel	diesel	+ Fuel tank capacity	70 l
	+ Cooling system	air	+ Fuel consumption @ 75%	7,4 l/h
Other Features	+ Insulation Class	F		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	1787 x 800 x 1150 mm		
	+ Dry Weight	1055 kg		

MPM 20/600 DZ



MPM 20/600 P

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **600 A** OF DC WELD OUTPUT / THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER AVAILABLE / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG / CAG			
	+ DAS, auto engine protection shutdown system with warning lights in case of:			
	- battery charger failure			+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker
	- high coolant temperature			+ Engine hourmeter / Voltmeter / Fuel level gauge
	- low fuel level			+ Earth Leakage Circuit Breaker (ELCB)
	- low oil pressure			+ Remote control socket
	- overspeed			+ Arc Force Control with changeover switch basic / cellulosic welding rods
	+ 12V built-in battery with electric start			+ Carbon Arc Gouging (CAG) socket
	+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker			+ Central lifting eye
				+ Fork-lift pockets
Gen Set Options (available as factory options)	+ 20 kVA, three-phase output: 1 x 32A, 400V - 50Hz EEC socket with ELCB protection			+ Spark arrester muffler
	+ LIFT START TIG facility			+ Versions with different voltages
	+ CC/CV control for MIG welding			+ 60 Hz version
	+ Weld Voltmeter and Ammeter			
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Four-wheels site tow undercarriage (GRT4W) + Four-wheels trailer with leaf springs and towing bar (GRT4WLB) + Remote control unit with 20m cable and plug + Welding cables Ø 50 mm² (20+15 m) with accessories + MIG wire feeder 			
Noise Level	+ LWA 99	(74 dB at 7m)		
DC Welding	+ Duty Cycle @ 60%	600 A - 40 V	+ Open Circuit Voltage	70 V
	+ Duty Cycle @ 100%	500 A - 40 V	+ Max welding rod	10 mm
	+ Stepless current control	30 A ÷ 600 A		
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power	12 kVA - 230 V
			+ Power Factor	0,8
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 1103C-33TG3 - turbocharged - 3 cyl. - 63,2 HP (46,5 kWm) - 3300 cm³ + Fuel diesel + Cooling system water + Starting system electric + Fuel tank capacity 74 l + Fuel consumption @ 75% 8,2 l/h 			
Other Features	+ Insulation Class F		+ Dimensions (L x W x H)	2000 x 900 x 120 mm
	+ Mechanical Protection IP 23		+ Dry Weight	1190 kg

MPM 20/600 P



MPM 20/600 S-P

ENGINE DRIVEN WELDER/GENERATOR / DELIVERS **600 A** OF DC WELD OUTPUT / SINGLE-PHASE AUXILIARY POWER AVAILABLE / SOUNDPROOF MODEL / DIESEL ENGINE **1500 RPM**

Gen Set Features	Welding Processes: SMAW (stick) / TIG / CAG		
	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed + 12V built-in battery with electric start + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker 	<ul style="list-style-type: none"> + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Engine hourmeter / Voltmeter / Fuel level gauge + Earth Leakage Circuit Breaker (ELCB) + Remote control socket + Arc Force Control with changeover switch basic / cellulosic welding rods + Carbon Arc Gouging (CAG) socket + Central lifting eye + Fork-lift pockets 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 20 kVA, three-phase output: 1 x 32A, 400V - 50Hz EEC socket with ELCB protection + LIFT START TIG facility + CC/CV control for MIG welding + Weld Voltmeter and Ammeter 	<ul style="list-style-type: none"> + Spark arrester muffler + Versions with different voltages + 60 Hz version + MIG wire feeder 	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Four-wheels site tow undercarriage (GRT4W) + Four-wheels trailer with leaf springs and towing bar (GRT4WLB) 	<ul style="list-style-type: none"> + Remote control unit with 20m cable and plug + Welding cables Ø 50 mm² (20+15 m) with accessories 	
Noise Level	+ Lwa 96	(71 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding	+ Duty Cycle @ 60%	600 A - 40 V	+ Open Circuit Voltage 70 V
	+ Duty Cycle @ 100%	500 A - 40 V	+ Max welding rod 10 mm
	+ Stepless current control	30 A ÷ 600 A	
AC Generator 50 Hz	+ Type Gen Set asynchronous self-excited and self-protected		+ Single-phase power 12 kVA - 230 V
			+ Power Factor 0,8
Diesel Engine 1500 rpm	+ Type Perkins 1103C-33TG3 - turbocharged - 3 cyl. - 63,2 HP (46,5 kWm) - 3300 cm ³		
	+ Fuel	diesel	
	+ Cooling system	water	
	+ Starting system	electric	
	+ Fuel tank capacity	74 l	
	+ Fuel consumption @ 75%	8 l/h	
Other Features	+ Insulation Class	F	
	+ Mechanical Protection	IP 23	
	+ Dimensions (L x W x H)	2000 x 900 x 120 mm	
	+ Dry Weight	1190 kg	

MPM 20/600 S-P

 **GenSet**



MPM 30/500 DUAL DZ

ENGINE DRIVEN WELDER/GENERATOR /
TWO WELDING UNITS (2 X 250 A) /
THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER
AVAILABLE / DIESEL ENGINE 1500 RPM

Gen Set Features	Processes : SMAW (Stick) / TIG Lift Arc / MIG		
	<ul style="list-style-type: none"> + Two stand-alone 400A DC welding stations: <ul style="list-style-type: none"> - TIG LIFT ARC welding - MIG welding - Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30 ÷ 400A) - Arc Force Control with changeover switch basic / cellulosic welding rods - Remote control socket - Weld Voltmeter and Ammeter - 1 x 48V - 50Hz, 5kVA outlet + circuit breaker + 12V built-in battery with electric start + Emergency STOP button + Engine hourmeter / Voltmeter + Fuel level gauge + Earth Leakage Circuit Breaker (ELCB) + Three-phase output terminal board 	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - engine fan belt failure - engine overspeed - head temperature + 1 x 32A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Central lifting eye + Fork-lift pockets 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + Spark arrester muffler + 60 Hz version 		
Accessories on Request	<ul style="list-style-type: none"> + Four-wheels site tow undercarriage (GRT4W) + Remote control unit with 20m cable and plug + Parallel Welding Box with ammeter and voltmeter (P-BOX) 		<ul style="list-style-type: none"> + Reverse polarity switch kit + Welding cables Ø 50 mm² (20+15 m) with accessories + MIG wire feeder
Noise Level	+ Lwa 103 (78 dB at 7m)		
DC Welding (single mode)	<ul style="list-style-type: none"> + Duty Cycle @ 35% 400 A - 36 V + Duty Cycle @ 60% 350 A - 34 V + Stepless control (CC mode) 30 A ÷ 400 A 	<ul style="list-style-type: none"> + Stepless control (CV mode) 10 V ÷ 40 V + Open Circuit Voltage 70 V + Max welding rod 6 mm 	
Dual Weld Mode	+ Max. Output 250 A + 250 A		
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power 25 kVA - 400V 	<ul style="list-style-type: none"> + Single-phase power 8,5 kVA - 230V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Deutz F3L912 - 3 cyl. - 38 HP (28,4 kWm) - 2827 cm³ + Fuel diesel + Cooling system air 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 75 l + Fuel consumption @ 75% 5,6 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 	<ul style="list-style-type: none"> + Dimensions (L x W x H) 1910 x 826 x 1465 mm + Dry Weight 1215 kg 	

MPM 30/500 DUAL DZ



MPM 40/600 DUAL DZ

ENGINE DRIVEN WELDER/GENERATOR /
TWO WELDING UNITS (2 X 300 A) /
THREE-PHASE AND SINGLE-PHASE AUXILIARY POWER
AVAILABLE / DIESEL ENGINE 1500 RPM

Gen Set Features	Processes : SMAW (Stick) / TIG Lift Arc / MIG		
	<ul style="list-style-type: none"> + Two stand-alone 400A DC welding stations: <ul style="list-style-type: none"> - TIG LIFT ARC welding - MIG welding - Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30 ÷ 400A) - Arc Force Control with changeover switch basic / cellulosic welding rods - Remote control socket - Weld Voltmeter and Ammeter - 1 x 48V - 50Hz, 5kVA outlet + circuit breaker + 12V built-in battery with electric start + Emergency STOP button + Engine hourmeter / Voltmeter + Fuel level gauge + Earth Leakage Circuit Breaker (ELCB) + Three-phase output terminal board 	<ul style="list-style-type: none"> DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - head temperature - engine fan belt failure - overspeed + 1 x 32A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Central lifting eye + Fork lift pockets 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + Spark arrester muffler + 60 Hz version 		
Accessories on Request	<ul style="list-style-type: none"> + Four-wheels site tow undercarriage (GRT4W) + Remote control unit with 20m cable and plug + Parallel Welding Box with ammeter and voltmeter (P-BOX) 		<ul style="list-style-type: none"> + Reverse polarity switch kit + Welding cables Ø 50 mm² (20+15 m) with accessories + MIG wire feeder
Noise Level	+ Lwa 103 (78 dB at 7m)		
DC Welding (single mode)	<ul style="list-style-type: none"> + Duty Cycle @ 35% 400 A - 36 V + Duty Cycle @ 60% 350 A - 34 V + Stepless control (CC mode) 30 A ÷ 400 A 	<ul style="list-style-type: none"> + Stepless control (CV mode) 10 V ÷ 40 V + Open Circuit Voltage 70 V + Max welding rod 6 mm 	
Dual Weld Mode	+ Max. Output 300 A + 300 A		
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power 30 kVA - 400V 	<ul style="list-style-type: none"> + Single-phase power 10 kVA - 230V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Deutz F4L912 - 4 cyl. - 51,6 HP (38 kWm) - 3770 cm³ + Fuel diesel + Cooling system air 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 80 l + Fuel consumption @ 75% 7,4 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 	<ul style="list-style-type: none"> + Dimensions (L x W x H) 2000 x 826 x 1465 mm + Dry Weight 1278 kg 	

MPM 40/600 DUAL DZ



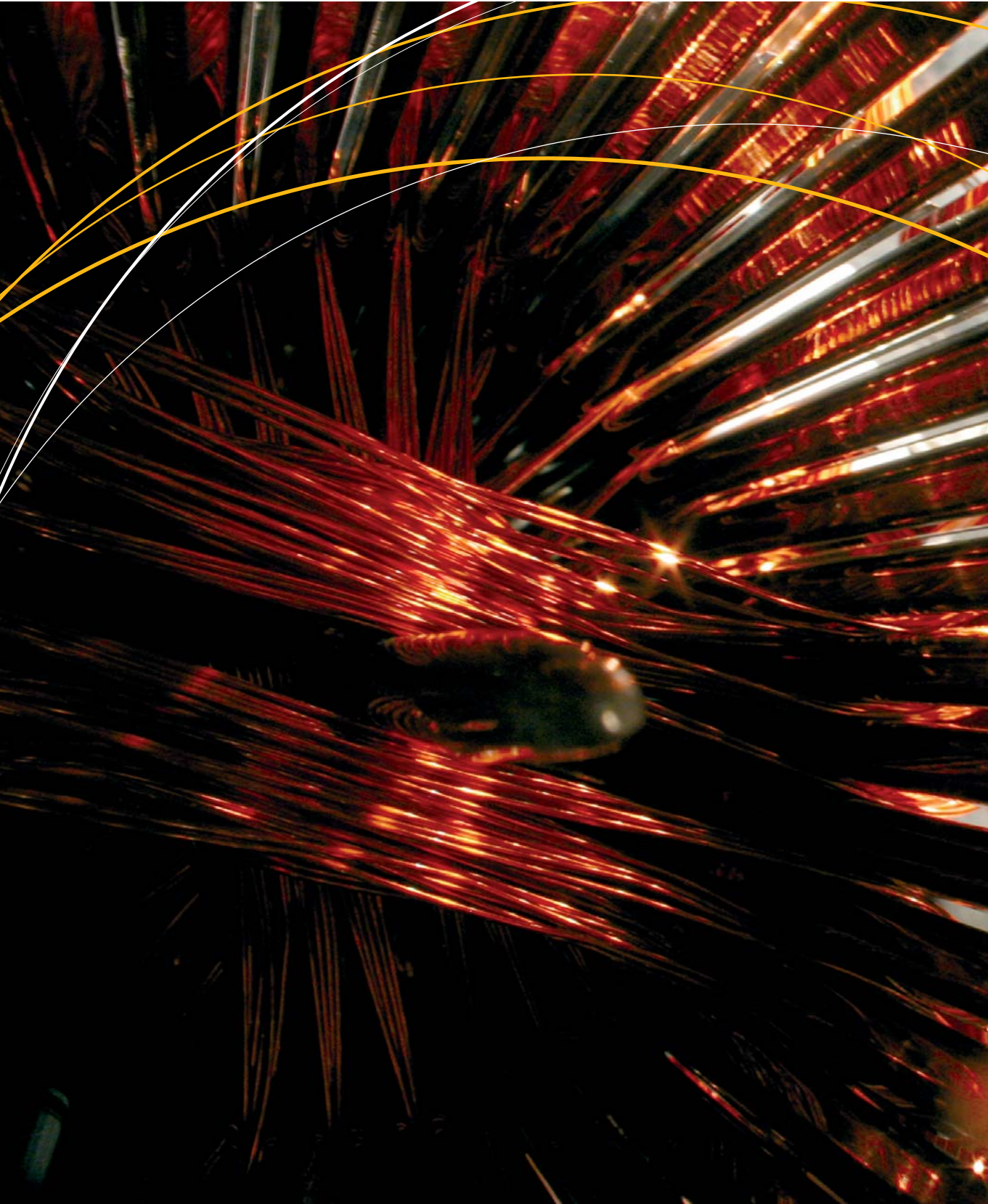
MPM 40/700 DUAL SS-P

ENGINE DRIVEN WELDER/GENERATOR /
TWO WELDING UNITS (**2 X 350 A**) / THREE-PHASE AND SINGLE-
PHASE AUXILIARY POWER AVAILABLE / SUPER SILENCED
MODEL / DIESEL ENGINE **1500 RPM**

Gen Set Features	Processes : SMAW (Stick) / TIG Lift Arc / MIG		
	<ul style="list-style-type: none"> + Two stand-alone 400A DC welding stations: <ul style="list-style-type: none"> - TIG LIFT ARC welding - MIG welding - Low-High amps switch for a more accurate arc control selection (30A ÷ 200A / 30 ÷ 400A) - Arc Force Control with changeover switch basic / cellulosic welding rods - Remote control socket - Weld Voltmeter and Ammeter - 1 x 48V - 50Hz, 5kVA outlet + circuit breaker + 12V built-in battery with electric start + Engine hourmeter / Voltmeter / Ammeter + Fuel level gauge + Earth Leakage Circuit Breaker (ELCB) + 1 x 63A, 400V - 50Hz three-phase EEC socket protected by circuit breaker 	<ul style="list-style-type: none"> + 1 x 32A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker + 2 x 16A, 230 V - 50 Hz single-phase EEC sockets protected by circuit breakers + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature - engine overspeed + Emergency STOP button + Central lifting eye + Fork lift pockets 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + Spark arrester muffler + 60 Hz version 	<ul style="list-style-type: none"> + Flux Cored Arc Welding (FCAW) + Built-in polarity reversing switch 	
Accessories on Request	<ul style="list-style-type: none"> + Four-wheels site tow undercarriage (GRT4W) + Remote control unit with 20m cable and plug + Parallel Welding Box with ammeter and voltmeter (P-BOX) 	<ul style="list-style-type: none"> + Reverse polarity switch kit + Welding cables Ø 50 mm² (20+15 m) with accessories + MIG wire feeder 	
Noise Level	+ Lwa 94	(69 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
DC Welding (single mode)	+ Duty Cycle @ 35%	400 A - 36 V	+ Stepless control (CV mode) 10 V ÷ 40 V
	+ Duty Cycle @ 60%	350 A - 34 V	+ Open Circuit Voltage 70 V
	+ Stepless control (CC mode)	30 A ÷ 400 A	+ Max welding rod 6 mm
Dual Weld Mode	+ Max. Output	350 A + 350 A	
AC Generator 50 Hz	+ Type	synchronous	+ Single-phase power 13 kVA - 230 V
	+ Three-phase power	40 kVA - 400 V	+ Power Factor 0,8
Diesel Engine 1500 rpm	+ Type Perkins 1103C-33TG3 - turbocharged - 3cyl. - 63,2CV (46,5kW) - 3300 cm ³		+ Starting system electric
	+ Fuel diesel		+ Fuel tank capacity 126 l
	+ Cooling system water		+ Fuel consumption @ 75% 8,2 l/h
Other Features	+ Insulation Class H		+ Dimensions (L x W x H) 2405 x 1020 x 1711 mm
	+ Mechanical Protection IP 23		+ Dry Weight 1560 kg

MPM 40/700 DUAL SS-P





Through its extensive design and production facility Gen Set offers a comprehensive range of generating sets from **1 kVA to 2000 kVA** with:

- + choice of an **international range of engines;**
- + **different enclosures:** from sound-attenuated up to super silenced models that meet or exceed the latest EC noise regulations;
- + **specially designed alternators** for special

applications where a smooth waveform and low harmonic distortion is required;

- + availability of an **automatic start operation range** (in case of mains failure) from 5 kVA to 2000 kVA.

At Gen Set we build more of our components in-house than most of our competitors. This allows us to offer the exact, and sometimes complex, specification that is required.

For example the application of supplying back-up power for banking operation centres, requires the following:

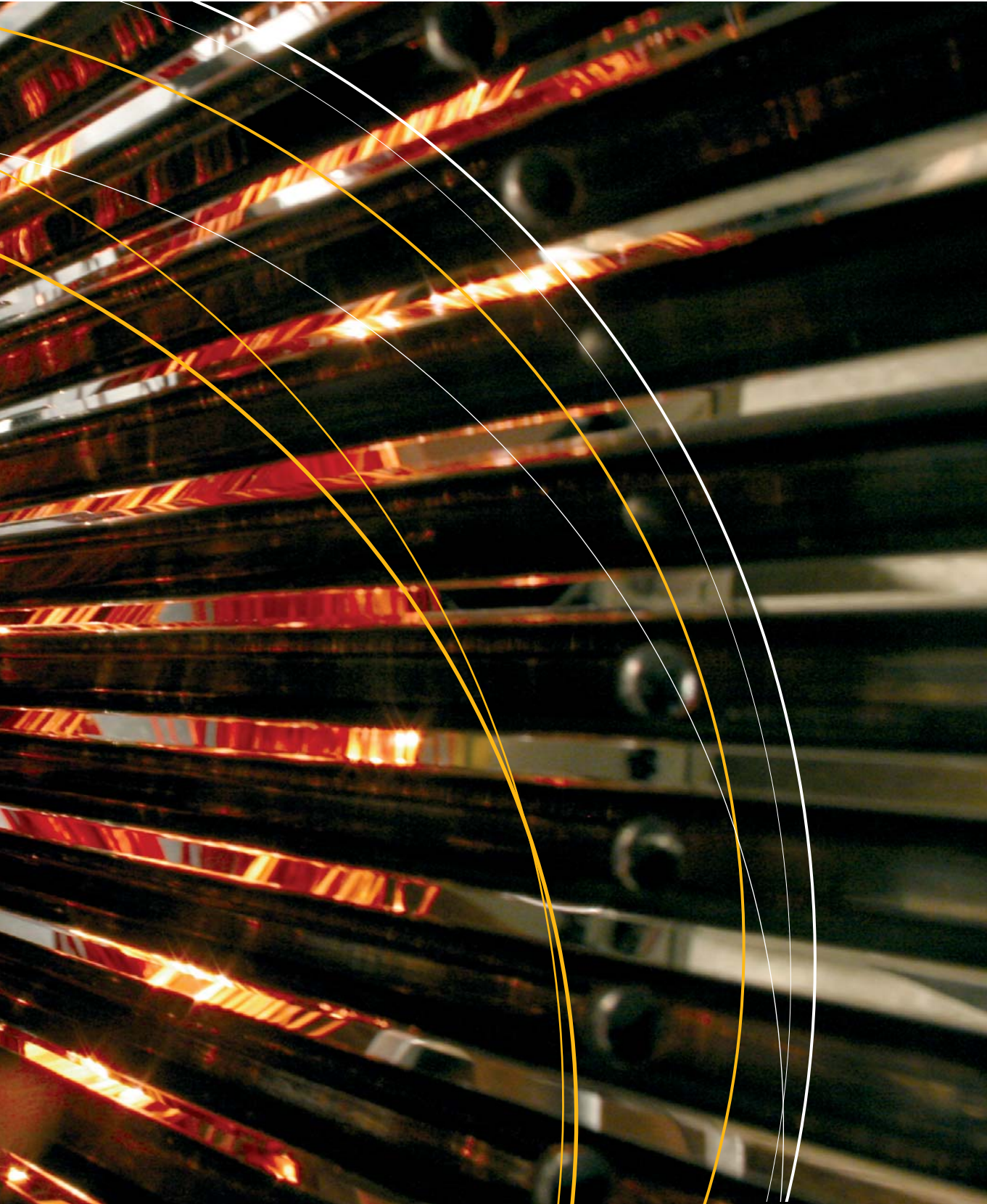
- + an extremely low noise level;
- + immediate restoration of working conditions in the event

of mains failure;

- + electrical output with a very smooth waveform (needed for perfect functioning of computers, alarm systems, any other electronic equipment).

In addition to offering various specification options, Gen Set has always paid particular attention to all the safety issues which are related to its product range.

All Gen Set machines comply with the relevant EC regulations in point of user safety and polluting emission control.



Generating Sets_MG Range

AC power generators from 1 kVA to 2000 kVA
for manual or auto start operation. A wide range
of models is available for special applications

 **GenSet**

MG 2500 I-HE

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **2 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil level cut out device+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 230 V - 50 Hz single-phase Schuko outlet protected by circuit breaker+ 1 x 12V DC battery charger outlet protected by fuse
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Not available
Accessories on Request	<ul style="list-style-type: none">+ Not available
Noise Level	<ul style="list-style-type: none">+ LWA 98 (73 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 2 kVA - 230 V+ Battery Charger 180 W - 12 V - 15 A - CC+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 120 OHV - 1 cyl. - 4 HP (2,9 kWm) - 118 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 2,5 l+ Fuel consumption @ 75% 0,9 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 530 x 330 x 410mm+ Dry Weight 40 kg

MG 2500 I-HE



MG 3000 I-HE

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **3 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features	+ Low oil level cut out device + 2 x 230 V - 50 Hz single-phase Schuko outlets protected by circuit breaker + 1 x 12V DC battery charger outlet protected by fuse		
Gen Set Options (available as factory options)	+ Not available		
Accessories on Request	+ Not available		
Noise Level	+ LWA 95	(70 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	+ Type synchronous + Single-phase power (max.) 3 kVA - 230 V + Battery Charger 120 W - 12 V - 10 A - CC + Power Factor 0,8		
Petrol Engine 3000 rpm	+ Type Honda GX 160 OHV - 1 cyl. - 5,5 HP (4 kWm) - 163 cm ³ + Fuel petrol + Cooling system air + Starting system manual recoil + Fuel tank capacity 3,6 l + Fuel consumption @ 75% 1,3 l/h		
Other Features	+ Mechanical Protection IP 23 + Insulation Class H + Dimensions (L x W x H) 585 x 360 x 410mm + Dry Weight 42 kg		

MG 3000 I-HE

 GenSet



MG 3000 EA-R

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **3 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil level cut out device+ 2 x 230 V - 50 Hz single-phase Schuko outlets protected by circuit breaker+ 1 x 12V DC battery charger outlet protected by fuse+ Stack up facility
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Not available
Accessories on Request	<ul style="list-style-type: none">+ Not available
Noise Level	<ul style="list-style-type: none">+ LWA 98 (73 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 3 kVA - 230 V+ Battery Charger 120 W - 12 V - 10 A - CC+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Subaru EX17 - 1 cyl. - 5,5 HP (4 kWm) - 169 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 3,6 l+ Fuel consumption @ 75% 1 l/h
Other Features	<ul style="list-style-type: none">+ Mechanical Protection IP 23+ Insulation Class H+ Dimensions (L x W x H) 667 x 497 x 525 mm+ Dry Weight 44 kg

MG 3000 EA-R

 **GenSet**



Patent
Applications
Pending

MG 3000 I-H - MG 3000 I-H/AE

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **3 KVA** SINGLE-PHASE / ELECTRIC START
MODEL (I-H/AE) / PETROL ENGINE **3000 RPM**

Gen Set Features	+ Low oil level cut out device + Generator running warning light + 12V built-in battery with electric start (I-H/AE version) + 1 x 230 V - 50 Hz single-phase Schuko outlet protected by circuit breaker + 1 x 12V DC battery charger outlet protected by circuit breaker		
Gen Set Options (available as factory options)	+ Earth Leakage Circuit Breaker (ELCB) + Versions with different voltages + 60 Hz version		
Accessories on Request	+ Not available		
Noise Level	+ Lwa 95	(70 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	+ Type	synchronous	
	+ Single-phase power (max.)	3 kVA - 230 V	
	+ Battery Charger	180 W - 12 V - 15 A - CC	
	+ Power Factor	0,8	
Petrol Engine 3000 rpm	+ Type	Honda GX 160 OHV - 1 cyl. - 5,5 HP (4 kWm) - 163 cm ³	
	+ Fuel	petrol	
	+ Cooling system	air	
	+ Starting system:	I-H version	manual recoil
		I-H/AE version	electric (and manual)
	+ Fuel tank capacity	3,6 l	
	+ Fuel consumption @ 75%	1,3 l/h	
Other Features	+ Insulation Class	H	
	+ Mechanical Protection	IP 23	
	+ Dimensions (L x W x H)	585 x 360 x 410 mm	
	+ Dry Weight:	I-H version	43 kg
		I-H/AE version	50 kg

MG 3000 I-H - MG 3000 I-H/AE

 **GenSet**



MG 5000 I-HE

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **5 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features	+ Low oil level cut out device + 2 x 230 V - 50 Hz single-phase Schuko outlets protected by circuit breaker + 1 x 12V DC battery charger outlet protected by fuse	
Gen Set Options (available as factory options)	+ Not available	
Accessories on Request	+ Not available	
Noise Level	+ LWA 95	(70 dB at 7m)
AC Generator 50 Hz	+ Type synchronous + Single-phase power (max.) 5 kVA - 230 V + Battery Charger 120 W - 12 V - 10 A - CC + Power Factor 0,8	
Petrol Engine 3000 rpm	+ Type Honda GX 270 OHV - 1 cyl. - 9 HP (6,6 kWm) - 270 cm ³ + Fuel petrol + Cooling system air + Starting system manual recoil + Fuel tank capacity 6 l + Fuel consumption @ 75% 2,2 l/h	
Other Features	+ Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 720 x 480 x 515 mm + Dry Weight 63 kg	

MG 5000 I-HE



MG 5000 EA-R

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **5 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil level cut out device+ 2 x 230 V - 50 Hz single-phase Schuko outlets protected by circuit breaker+ 1 x 12V DC battery charger outlet protected by fuse+ Stack up facility
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Not available
Accessories on Request	<ul style="list-style-type: none">+ Not available
Noise Level	<ul style="list-style-type: none">+ LWA 99 (74 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 5 kVA - 230 V+ Battery Charger 120 W - 12 V - 10 A - CC+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Subaru EX27 - 1 cyl. - 7 HP (5,15 kWm) - 265 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 6 l+ Fuel consumption @ 75% 2 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 677 x 497 x 616 mm+ Dry Weight 63 kg

MG 5000 EA-R

 **GenSet**



Patent
Applications
Pending

MG 5000 I-H - MG 5000 I-H/AE

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **5 KVA** SINGLE-PHASE / ELECTRIC START
MODEL (I-H/AE) / PETROL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil level cut out device+ 12V built-in battery with electric start (I-H/AE version)+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 12V DC battery charger outlet protected by circuit breaker+ Voltmeter
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Earth Leakage Circuit Breaker (ELCB)+ Versions with different voltages+ 60 Hz version+ AMF/ATS panel for auto start operation
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles
Noise Level	+ LWA 95 (70 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 5 kVA - 230 V+ Battery Charger 180 W - 12 V - 15 A - CC+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 270 OHV - 1 cyl. - 9 HP (6,6 kWm) - 270 cm³+ Fuel petrol+ Cooling system air+ Starting system: I-H version manual recoil I-H/AE version electric (and manual)+ Fuel tank capacity 6 l+ Fuel consumption @ 75% 2,2 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 720 x 480 x 515 mm+ Dry Weight I-H version 69 kg I-H/AE version 80 kg

MG 5000 I-H - MG 5000 I-H/AE



MG 5000 Y

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **3,4 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	+ 2 x 230 V - 50 Hz single-phase Schuko outlets + Circuit breaker + Central lifting eye
Gen Set Options (available as factory options)	+ Not available
Accessories on Request	+ Not available
Noise Level	+ Lwa 102 (77 dB at 7m)
AC Generator 50 Hz	+ Type synchronous + Single-phase power (max.) 3,4 kW - 230 V + Power Factor 1
Diesel Engine 3000 rpm	+ Type Yanmar L70AE - 1 cyl. - 6,6 HP (4,8 kWm) - 296 cm ³ + Fuel diesel + Cooling system air + Starting system manual recoil + Fuel tank capacity 3,5 l + Fuel consumption @ 75% 1,3 l/h
Other Features	+ Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 725 x 515 x 585 mm + Dry Weight 82 kg

MG 5000 Y



MG 5000 I-Y/E

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **4 KVA** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil pressure and battery charger warning lights+ 12V built-in battery with electric start+ 2 x 230 V - 50 Hz single-phase Schuko outlets protected by circuit breaker+ 1 x 12V DC battery charger outlet protected by fuse+ Wheels and handles+ Fuel level gauge
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Not available
Noise Level	+ Lwa 100 (75 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 4 kVA - 230 V+ Battery Charger 120 W - 12 V - 10 A - CC+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L70AE - 1 cyl. - 6,6 HP (4,8 kWm) - 296 cm³+ Fuel diesel+ Cooling system air+ Starting system electric (and manual)+ Fuel tank capacity 3,5 l+ Fuel consumption @ 75% 1,3 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 720 x 460 x 510 mm+ Dry Weight 98 kg

MG 5000 I-Y/E



MG 5000 Y/AE

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **3,4 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ 12V built-in battery with electric start+ Voltmeter+ Engine hourmeter+ Earth Leakage Circuit Breaker (ELCB)+ 2 x 16A, 230 V - 50 Hz single-phase EEC sockets protected by circuit breaker+ AMF connector / RC connector+ Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ AMF/ATS panel for auto start operation+ Remote Start/Stop kit by cable (20m)
Noise Level	+ LWA 105 (80 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 3,4 kW - 230 V+ Power Factor 1
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L70AE - 1 cyl. - 6,6 HP (4,8 kWm) - 296 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 5,5 l+ Fuel consumption @ 75% 1,3 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 725 x 515 x 585 mm+ Dry Weight 87 kg

MG 5000 Y/AE



MG 5000 S-Y

SILENCED SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **3,4 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ 12V built-in battery with electric start+ Voltmeter+ Engine hourmeter+ Emergency STOP button+ Earth Leakage Circuit Breaker (ELCB)+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ AMF connector / RC connector+ Central lifting eye		
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version		
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ AMF/ATS panel for auto start operation+ Remote Start/Stop kit by cable (20m)		
Noise Level	+ Lwa 97	(72 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 3,4 kW - 230 V+ Power Factor 1		
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L70AE - 1 cyl. - 6,6 HP (4,8 kWm) - 296 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 10,5 l+ Fuel consumption @ 75% 1,3 l/h		
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 815 x 560 x 730 mm+ Dry Weight 125 kg		

MG 5000 S-Y

 **GenSet**



MG 5000 SS-Y

SUPER SILENCED SINGLE-PHASE GENERATOR /
OUTPUT POWER **5 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil pressure, high engine temperature and battery charger warning lights+ 12V built-in battery with electric start+ Voltmeter+ Engine hourmeter+ Emergency STOP button+ Earth Leakage Circuit Breaker (ELCB)+ 1 x 32A, 230 V - 50 Hz single-phase outlet protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase outlet protected by circuit breaker+ Remote Start/Stop connector+ Side lifting hooks
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ 60 Hz version+ Versions with different voltages+ AMF/ATS panel for automatic start operation
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Remote Start/Stop kit by cable (50m)
Noise Level	+ Lwa 91 (66 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 5 kW - 230 V+ Power Factor 1
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L100 AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 16 l+ Fuel consumption @ 75% 1,7 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 970 x 615 x 770 mm+ Net Weight 190 kg

MG 5000 SS-Y

 **GenSet**



MG 6000 I-H - MG 6000 I-H/AE

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **6 KVA** SINGLE-PHASE / ELECTRIC START
MODEL (I-H/AE) / PETROL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil level cut out device+ 12V built-in battery with electric start (I-H/AE version)+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 12V DC battery charger outlet protected by circuit breaker+ Voltmeter
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Earth Leakage Circuit Breaker (ELCB)+ Versions with different voltages+ 60 Hz version+ AMF/ATS panel for auto start operation
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles
Noise Level	+ LWA 96 (71 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 6 kVA - 230 V+ Battery Charger 180 W - 12 V - 15 A - CC+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 340 OHV - 1 cyl. - 11 HP (8,1 kWm) - 340 cm³+ Fuel petrol+ Cooling system air+ Starting system: I-H version manual recoil I-H/AE version electric (and manual)+ Fuel tank capacity 6,5 l+ Fuel consumption @ 75% 2,6 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 720 x 480 x 515 mm+ Dry Weight: I-H version 76 kg I-H/AE version 87 kg

MG 6000 I-H - MG 6000 I-H/AE



MG 6000 Y

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **5,4 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	+ 2 x 230 V - 50 Hz single-phase Schuko outlets + Circuit breaker + Central lifting eye
Gen Set Options (available as factory options)	+ Not available
Accessories on Request	+ Not available
Noise Level	+ LWA 105 (80 dB at 7m)
AC Generator 50 Hz	+ Type synchronous + Single-phase power (max.) 5,4 kW - 230 V + Power Factor 1
Diesel Engine 3000 rpm	+ Type Yanmar L100AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm ³ + Fuel diesel + Cooling system air + Starting system manual recoil + Fuel tank capacity 5,5 l + Fuel consumption @ 75% 1,7 l/h
Other Features	+ Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 820 x 580 x 610 mm + Dry Weight 105 kg

MG 6000 Y



MG 6000 I-D/AE-Y

SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **6 KVA** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil pressure and battery charger warning lights+ 12V built-in battery with electric start+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 12V DC battery charger outlet protected by circuit breaker+ Voltmeter+ Fuel level gauge
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Earth Leakage Circuit Breaker (ELCB)+ Versions with different voltages+ 60 Hz version+ AMF/ATS panel for auto start operation
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles
Noise Level	+ LWA 99 (74 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 6 kVA - 230 V+ Battery Charger 180 W - 12 V - 15 A - CC+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L100AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³+ Fuel diesel+ Cooling system air+ Starting system: electric (and manual)+ Fuel tank capacity 5,5 l+ Fuel consumption @ 75% 1,7 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 920 x 460 x 570 mm+ Dry Weight 125 kg

MG 6000 I-D/AE-Y



MG 6000 Y/AE

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **5,4 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ 12V built-in battery with electric start+ Engine hourmeter+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket+ Main circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ AMF connector / RC connector+ Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ AMF/ATS panel for auto start operation+ Remote Start/Stop kit by cable (20m)
Noise Level	+ Lwa 105 (80 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 5,4 kW - 230 V+ Power Factor 1
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L100AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 5,5 l+ Fuel consumption @ 75% 1,7 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 820 x 580 x 610 mm+ Dry Weight 110 kg

MG 6000 Y/AE



MG 6000 S-Y

SILENCED SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **5 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ 12V built-in battery with electric start+ Engine hourmeter+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Emergency STOP button+ AMF connector / RC connector+ Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ AMF/ATS panel for auto start operation+ Remote Start/Stop kit by cable (20m)
Noise Level	+ LWA 97 (72 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 5 kW - 230 V+ Power Factor 1
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L100AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 10,5 l+ Fuel consumption @ 75% 1,7 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 815 x 560 x 730 mm+ Dry Weight 150 kg

MG 6000 S-Y

 **GenSet**



MG 6000 SS-Y

SUPER SILENCED SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **6 KVA** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - low oil pressure - battery charger failure - low fuel level + 12V built-in battery with electric start + Automatic idle device when no load is connected + Voltmeter + Engine hourmeter 	<ul style="list-style-type: none"> + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Emergency STOP button + AMF connector / RC connector + Bunded base to retain all liquids + Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + 60 Hz version 	
Accessories on Request	<ul style="list-style-type: none"> + Trolley: two-wheels and handles + AMF/ATS panel for auto start operation + Remote Start/Stop kit by cable (20m) 	
Noise Level	+ Lwa 92 (67 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Single-phase power (max.) 6 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 3000 rpm	<ul style="list-style-type: none"> + Type Yanmar L100AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³ + Fuel diesel + Cooling system air + Starting system electric + Fuel tank capacity 21 l + Fuel consumption @ 75% 1,7 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 1100 x 600 x 830 mm + Dry Weight 214 kg 	

MG 6000 SS-Y

 **GenSet**



MG 8000 I-HE

PORTABLE SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **7 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil level cut out device+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 12V DC battery charger outlet protected by fuse+ Earth Leakage Circuit Breaker (ELCB)
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Not available
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles
Noise Level	<ul style="list-style-type: none">+ LWA 97 (72 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (max.) 7 kVA - 230 V+ Battery Charger 120 W - 12 V - 10 A - CC+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 390 OHV - 1 cyl. - 13 HP (9,6 kWm) - 390 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 6,5 l+ Fuel consumption @ 75% 2,9 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 730 x 480 x 520 mm+ Dry Weight 80 kg

MG 8000 I-HE



MG 10000 I-H/AE

SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **10 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features

- + Low oil level cut out device
- + 12V built-in battery with electric start
- + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker
- + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker
- + Earth Leakage Circuit Breaker (ELCB)
- + Voltmeter
- + Central lifting eye

Gen Set Options (available as factory options)

- + Versions with different voltages
- + 60 Hz version
- + AMF/ATS panel for auto start operation

Accessories on Request

- + Trolley: two-wheels and handles
- + Spark arrester muffler (Honda)

Noise Level

- + Lwa 98 (73 dB at 7m)

AC Generator 50 Hz

- + Type synchronous
- + Single-phase power (stand by) 10 kVA - 230 V
- + Single-phase power (prime) 9 kVA - 230 V
- + Power Factor 0,8

Petrol Engine 3000 rpm

- + Type **Honda GX 620 K1** - 2 cyl. - 20 HP (14,8 kWm) - 614 cm³
- + Fuel petrol
- + Cooling system air
- + Starting system electric
- + Fuel tank capacity 29 l
- + Fuel consumption @ 75% 4,8 l/h

Other Features

- + Insulation Class H
- + Mechanical Protection IP 23
- + Dimensions (L x W x H) 850 x 477 x 760 mm
- + Dry Weight 140 kg

MG 10000 I-H/AE



MG 10000 R/AE

SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **7,5 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features

- + 12V built-in battery with electric start
- + Low oil pressure and battery charger warning lights
- + 1 x 32A, 230 V - 50 Hz single-phase EEC socket
- + 2 x 16A, 230 V - 50 Hz single-phase EEC sockets
- + Main circuit breaker
- + Earth Leakage Circuit Breaker (ELCB)
- + Voltmeter
- + Engine hourmeter
- + AMF connector / RC connector
- + Central lifting eye

Gen Set Options (available as factory options)

- + Versions with different voltages

Accessories on Request

- + Trolley: two-wheels and handles
- + AMF/ATS panel for auto start operation
- + Remote Start/Stop kit by cable (20m)

Noise Level

- + Lwa 106 (81 dB at 7m)

AC Generator 50 Hz

- + Type synchronous
- + Single-phase power (stand by) 7,5 kW - 230 V
- + Single-phase power (prime) 6,7 kW - 230 V
- + Power Factor 1

Diesel Engine 3000 rpm

- + Type **Ruggerini MD150** - 2 cyl. - 12,6 HP (9,3 kWm) - 654 cm³
- + Fuel diesel
- + Cooling system air
- + Starting system electric
- + Fuel tank capacity 6 l
- + Fuel consumption @ 75% 2,1 l/h

Other Features

- + Insulation Class H
- + Mechanical Protection IP 23
- + Dimensions (L x W x H) 950 x 490 x 650 mm
- + Dry Weight 150 kg

MG 10000 R/AE



MG 10000 S-R

SILENCED SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **7,5 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features

- + 12V built-in battery with electric start
- + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker
- + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker
- + Earth Leakage Circuit Breaker (ELCB)
- + Voltmeter
- + Engine hourmeter
- + Emergency STOP button
- + AMF connector / RC connector
- + Central lifting eye

Gen Set Options

(available as factory options)

- + Versions with different voltages

Accessories on Request

- + Trolley: two-wheels and handles
- + AMF/ATS panel for auto start operation
- + Remote Start/Stop kit by cable (20m)

Noise Level

- + Lwa 97 (72 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"

AC Generator 50 Hz

- + Type synchronous
- + Single-phase power (stand by) 7,5 kW - 230 V
- + Single-phase power (prime) 6,7 kW - 230 V
- + Power Factor 1

Diesel Engine 3000 rpm

- + Type **Ruggerini MD150** - 2 cyl. - 12,6 HP (9,3 kWm) - 654 cm³
- + Fuel diesel
- + Cooling system air
- + Starting system electric
- + Fuel tank capacity 10,5 l
- + Fuel consumption @ 75% 2,1 l/h

Other Features

- + Insulation Class H
- + Mechanical Protection IP 23
- + Dimensions (L x W x H) 1000 x 560 x 715 mm
- + Dry Weight 190 kg

MG 10000 S-R

 GenSet



MG 10000 SS-K

SUPER SILENCED SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **10 KVA** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ DAS, auto engine protection shutdown system with warning lights in case of:<ul style="list-style-type: none">- battery charger failure- high coolant temperature- low fuel level- low oil pressure+ 12V built-in battery with electric start+ Engine hourmeter+ Fuel level gauge+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Central lifting eye+ Trolley: two-wheels and handles
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Spark arrester muffler+ 60 Hz version+ Versions with different voltages+ AMF/ATS panel for auto start operation+ Engine water heaters powered by mains 230 V - 50 Hz
Accessories on Request	<ul style="list-style-type: none">+ Not available
Noise Level	+ Lwa 95 (70 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Single-phase power (stand by) 10 kVA - 230 V+ Single-phase power (prime) 9 kVA - 230 V+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Kubota D722E - 3 cyl. - 17 HP (12,5 kWm) - 719 cm³+ Fuel diesel+ Cooling system water+ Starting system electric+ Fuel tank capacity 30 l+ Fuel consumption @ 75% 2,9 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 1050 x 630 x 775mm (trolley not included)+ Dry Weight 295 kg

MG 10000 SS-K



MG 15000 SS-K

SUPER SILENCED SINGLE-PHASE POWER GENERATOR /
OUTPUT POWER **15 KVA** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features

- + DAS, auto engine protection shutdown system with warning lights in case of:
 - battery charger failure
 - high coolant temperature
 - low fuel level
 - low oil pressure
- + 12V built-in battery with electric start
- + Engine hourmeter
- + Fuel level gauge
- + Three-phase output terminal board
- + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker
- + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker
- + Earth Leakage Circuit Breaker (ELCB)
- + Voltmeter
- + Emergency STOP button
- + AMF connector / RC connector
- + Central lifting eye
- + Fork-lift pockets

Gen Set Options (available as factory options)

- + Spark arrester muffler
- + Versions with different voltages
- + Engine water heaters powered by mains 230 V - 50 Hz

Accessories on Request

- + Two-wheels site tow undercarriage (GRT2W)
- + AMF/ATS panel for auto start operation
- + Remote Start/Stop kit by cable (20m)

Noise Level

- + Lwa 94 (69 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"

AC Generator 50 Hz

- + Type synchronous
- + Single-phase power (stand by) 15 kVA - 230 V
- + Single-phase power (prime) 13,5 kVA - 230 V
- + Power Factor 0,8

Diesel Engine 3000 rpm

- + Type **Kubota D 1105-E** - 3 cyl. - 24,6 HP (18,1 kWm) - 1123 cm³
- + Fuel diesel
- + Cooling system water
- + Starting system electric
- + Fuel tank capacity 47 l
- + Fuel consumption @ 75% 4,9 l/h

Other Features

- + Insulation Class H
- + Mechanical Protection IP 23
- + Dimensions (L x W x H) 1500 x 700 x 1090 mm
- + Dry Weight 410 kg

MG 15000 SS-K



MG 5/4 I-HE

PORTABLE THREE-PHASE POWER GENERATOR / OUTPUT POWER
5,5 KVA THREE-PHASE AND **4 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil level cut out device+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker+ 2 x 16A, 230 V - 50 Hz single-phase EEC socket (2 kVA + 2 kVA) protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles
Noise Level	+ LWA 95 (70 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Three-phase power (max.) 5,5 kVA - 400 V+ Single-phase power (max.) 2 kVA - 230 V+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 270 OHV - 1 cyl. - 9 HP (6,6 kWm) - 270 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 6 l+ Fuel consumption @ 75% 2,2 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 720 x 480 x 515 mm+ Dry Weight 78 kg

MG 5/4 I-HE



MG 5/4 I-H - MG 5/4 I-H/AE

PORTABLE THREE-PHASE POWER GENERATOR / OUTPUT POWER **5,5 KVA** THREE-PHASE AND **4 KVA** SINGLE-PHASE / ELECTRIC START MODEL (I-H/AE) / PETROL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil level cut out device+ 12V built-in battery with electric start (I-H/AE version)+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version+ AMF/ATS panel for auto start operation
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles
Noise Level	+ LWA 95 (70 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous, self-excited and self-protected+ Three-phase power (max.) 5,5 kVA - 400 V+ Single-phase power (max.) 4 kVA - 230 V+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 270 OHV - 1 cyl. - 9 HP (6,6 kWm) - 270 cm³+ Fuel petrol+ Cooling system air+ Starting system: I-H version manual recoil I-H/AE version electric (and manual)+ Fuel tank capacity 6 l+ Fuel consumption @ 75% 2,2 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 720 x 480 x 515 mm+ Dry Weight: I-H version 82 kg I-H/AE version 93 kg

MG 5/4 I-H - MG 5/4 I-H/AE



MG 6/5 Y

PORTABLE THREE-PHASE POWER GENERATOR / OUTPUT POWER
6 KVA THREE-PHASE AND **3,5 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker + 1 x 230 V - 50 Hz single-phase Schuko outlet protected by circuit breaker + Central lifting eye	
Gen Set Options (available as factory options)	+ Not available	
Accessories on Request	+ Not available	
Noise Level	+ L _{WA} 105	(80 dB at 7m)
AC Generator 50 Hz	+ Type synchronous + Three-phase power (max.) 6,5 kVA - 400 V + Power Factor 0,8 + Single-phase power (max.) 3,5 kW - 230 V + Power Factor 1	
Diesel Engine 3000 rpm	+ Type Yanmar L100AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm ³ + Fuel diesel + Cooling system air + Starting system manual recoil + Fuel tank capacity 5,5 l + Fuel consumption @ 75% 1,7 l/h	
Other Features	+ Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 820 x 580 x 610 mm + Dry Weight 105 kg	

MG 6/5 Y



MG 6/5 I-D/AE-Y

PORTABLE THREE-PHASE POWER GENERATOR / OUTPUT POWER
6 KVA THREE-PHASE AND **5 KVA** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil pressure and battery charger warning lights+ 12V built-in battery with electric start+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Fuel level gauge
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version+ AMF/ATS panel for auto start operation
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles
Noise Level	+ LWA 99 (74 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous, self-excited and self-protected+ Three-phase power (max.) 6 kVA - 400 V+ Single-phase power (max.) 5 kVA - 230 V+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L100 AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³+ Fuel diesel+ Cooling system air+ Starting system electric (and manual)+ Fuel tank capacity 5,5 l+ Fuel consumption @ 75% 1,7 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 920 x 460 x 570 mm+ Dry Weight 135 kg

MG 6/5 I-D/AE-Y



MG 6/5 Y/AE

PORTABLE THREE-PHASE POWER GENERATOR / OUTPUT POWER
6 KVA THREE-PHASE AND **3,5 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features

- + Engine hourmeter
- + 1 x 16A, 400 V - 50 Hz single-phase EEC socket protected by circuit breaker
- + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker
- + Earth Leakage Circuit Breaker (ELCB)
- + Voltmeter
- + AMF connector / RC connector
- + 12V built-in battery with electric start
- + Central lifting eye

Gen Set Options (available as factory options)

- + Versions with different voltages
- + 60 Hz version

Accessories on Request

- + Trolley: two-wheels and handles
- + AMF/ATS panel for auto start operation
- + Remote Start/Stop kit by cable (20m)

Noise Level

- + Lwa 105 (80 dB at 7m)

AC Generator 50 Hz

- + Type synchronous
- + Three-phase power (max.) 6,5 kVA - 400 V
- + Power Factor 0,8
- + Single-phase power (max.) 3,5 kW - 230 V
- + Power Factor 1

Diesel Engine 3000 rpm

- + Type **Yanmar L100 AE** - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³
- + Fuel diesel
- + Cooling system air
- + Starting system: electric
- + Fuel tank capacity 5,5 l
- + Fuel consumption @ 75% 1,7 l/h

Other Features

- + Insulation Class H
- + Mechanical Protection IP 23
- + Dimensions (L x W x H) 820 x 580 x 610 mm
- + Dry Weight 110 kg

MG 6/5 Y/AE



MG 6/5 S-Y

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER
6 KVA THREE-PHASE AND **3,5 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ 12V built-in battery with electric start+ Engine hourmeter+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Emergency STOP button+ AMF connector / RC connector+ Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ AMF/ATS panel for auto start operation+ Remote Start/Stop kit by cable (20m)
Noise Level	+ Lwa 97 (72 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Three-phase power (max.) 6,3 kVA - 400 V+ Power Factor 0,8+ Single-phase power (max.) 3,5 kW - 230 V+ Power Factor 1
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L100 AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 10,5 l+ Fuel consumption @ 75% 1,7 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 815 x 560 x 730 mm+ Dry Weight 150 kg

MG 6/5 S-Y

 **GenSet**



MG 6/5 SS-Y

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **6 KVA** THREE-PHASE AND **4 KVA** SINGLE-PHASE / DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ DAS, auto engine protection shutdown system with warning lights in case of:<ul style="list-style-type: none">- low oil pressure- battery charger failure- low fuel level+ 12V built-in battery with electric start+ Automatic idle device when no load is connected+ Voltmeter+ Engine hourmeter+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Delta / Star selector+ Emergency STOP button+ AMF connector / RC connector+ Bunded base to retain all liquids+ Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ 60 Hz version
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ AMF/ATS panel for auto start operation+ Remote Start/Stop kit by cable (20m)
Noise Level	+ Lwa 92 (67 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Three-phase power (max.) 6 kVA - 400 V+ Single-phase power (max.) 4 kVA - 230 V+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Yanmar L100AE - 1 cyl. - 10 HP (7,4 kWm) - 406 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 21 l+ Fuel consumption @ 75% 1,7 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 1100 x 600 x 830 mm+ Dry Weight 214 kg

MG 6/5 SS-Y

 **GenSet**



MG 7/5 I-HE

PORTABLE THREE-PHASE POWER GENERATOR / OUTPUT POWER
7,5 KVA THREE-PHASE AND **4 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ Low oil level cut out device+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Not available
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles
Noise Level	<ul style="list-style-type: none">+ LWA 97 (72 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Three-phase power (max.) 7,5 kVA - 400 V+ Single-phase power (max.) 4 kVA - 230 V+ Power Factor 0,8
Petrol Engine 3000 rpm	<ul style="list-style-type: none">+ Type Honda GX 390 OHV - 1 cyl. - 13 HP (9,6 kWm) - 390 cm³+ Fuel petrol+ Cooling system air+ Starting system manual recoil+ Fuel tank capacity 6,5 l+ Fuel consumption @ 75% 2,9 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 730 x 480 x 520 mm+ Dry Weight 80 kg

MG 7/5 I-HE



MG 10 I-H/AE

THREE-PHASE POWER GENERATOR / OUTPUT POWER **10 KVA**
THREE-PHASE AND **4 KVA** SINGLE-PHASE /
PETROL ENGINE **3000 RPM**

Gen Set Features

- + Low oil level cut out device
- + 12V built-in battery with electric start
- + 1 x 16A, 400 V - 50 Hz three-phase EEC socket protected by circuit breaker
- + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker
- + Earth Leakage Circuit Breaker (ELCB)
- + Voltmeter
- + Central lifting eye

Gen Set Options (available as factory options)

- + Versions with different voltages
- + 60 Hz version
- + AMF/ATS panel for auto start operation

Accessories on Request

- + Trolley: two-wheels and handles
- + Spark arrester muffler (Honda)

Noise Level

- + LWA 98 (73 dB at 7m)

AC Generator 50 Hz

- + Type synchronous
- + Three-phase power (stand by) 10 kVA - 400 V
- + Three-phase power (prime) 9 kVA - 400 V
- + Single-phase power (max.) 4 kVA - 230 V
- + Power Factor 0,8

Petrol Engine 3000 rpm

- + Type **Honda GX 620 K1** - 2 cyl. - 20 HP (14,8 kWm) - 614 cm³
- + Fuel petrol
- + Cooling system air
- + Starting system electric
- + Fuel tank capacity 29 l
- + Fuel consumption @ 75% 4,8 l/h

Other Features

- + Insulation Class H
- + Mechanical Protection IP 23
- + Dimensions (L x W x H) 850 x 477 x 760 mm
- + Dry Weight 148 kg

MG 10 I-H/AE



MG 10/6 R/AE

THREE-PHASE POWER GENERATOR / OUTPUT POWER **10 KVA**
THREE-PHASE AND **3,3 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ 12V built-in battery with electric start+ Low oil pressure and battery charger warning lights+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 2 x 16A, 230 V - 50 Hz single-phase EEC sockets+ Main circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Engine hourmeter+ AMF connector / RC connector+ Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ AMF/ATS panel for auto start operation+ Remote Start/Stop kit by cable (20m)
Noise Level	+ Lwa 106 (81 dB at 7m)
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Three-phase power (stand by) 10 kVA - 400 V+ Three-phase power (prime) 9 kVA - 400 V+ Power Factor 0,8+ Single-phase power (max.) 3,3 kW - 230 V+ Power Factor 1
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Ruggerini MD 150 - 2 cyl. - 12,6 HP (9,3 kWm) - 654 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 6 l+ Fuel consumption @ 75 % 2,1 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 950 x 490 x 650 mm+ Dry Weight 150 kg

MG 10/6 R/AE



MG 10/6 S-R

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER
10 KVA THREE-PHASE AND **6,6 KW** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features

- + 12V built-in battery with electric start
- + Low oil pressure and battery charger warning lights
- + 1 x 16A, 400 V - 50 Hz three-phase EEC socket, protected by circuit breaker
- + 1 x 16A, 230 V - 50 Hz single-phase EEC socket, protected by circuit breaker
- + 1 x 32A, 230 V - 50 Hz single-phase EEC socket, protected by circuit breaker
- + Delta / Star selector
- + Emergency STOP button
- + Earth Leakage Circuit Breaker (ELCB)
- + Voltmeter
- + Engine hourmeter
- + AMF connector / RC connector
- + Central lifting eye

Gen Set Options (available as factory options)

- + Versions with different voltages

Accessories on Request

- + Trolley: two-wheels and handles
- + AMF/ATS panel for auto start operation
- + Remote Start/Stop kit by cable (20m)

Noise Level

- + Lwa 97 (72 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"

AC Generator 50 Hz

- + Type synchronous
- + Three-phase power (stand by) 10 kVA - 400 V
- + Three-phase power (prime) 9 kVA - 400 V
- + Power Factor 0,8
- + Single-phase power (max.) 6,6 kW - 230 V
- + Power Factor 1

Diesel Engine 3000 rpm

- + Type **Ruggerini MD 150** - 2 cyl. - 12,6 HP (9,3 kWm) - 654 cm³
- + Fuel diesel
- + Cooling system air
- + Starting system electric
- + Fuel tank capacity 10,5 l
- + Fuel consumption @ 75% 2,1 l/h

Other Features

- + Insulation Class H
- + Mechanical Protection IP 23
- + Dimensions (L x W x H) 1000 x 560 x 715 mm
- + Dry Weight 190 kg

MG 10/6 S-R

 GenSet



MG 10/8 S-K

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER
10 KVA THREE-PHASE AND **8 KVA** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ DAS, auto engine protection shutdown system with warning lights in case of:<ul style="list-style-type: none">- battery charger failure- high coolant temperature- low fuel level- low oil pressure+ 12V built-in battery with electric start+ Engine hourmeter+ Fuel level gauge+ 1 x 16A, 400 V - 50 Hz three-phase EEC socket+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Spark arrester muffler+ Versions with different voltages+ 60 Hz version+ AMF/ATS panel for auto start operation+ Engine water heaters powered by mains 230 V - 50 Hz
Accessories on Request	<ul style="list-style-type: none">+ Trolley: two-wheels and handles+ Two-wheels site tow undercarriage (GRT2W)
Noise Level	+ Lwa 97 (72 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power (stand by) 10 kVA - 400 V+ Three-phase power (prime) 9 kVA - 400 V+ Single-phase power (max.) 8 kVA - 230 V+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Kubota D722 - 3 cyl. - 17 HP (12,5 kWm) - 719 cm³+ Fuel diesel+ Cooling system water+ Starting system electric+ Fuel tank capacity 42 l+ Fuel consumption @ 75% 2,9 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 1385 x 660 x 915 mm+ Dry Weight 385 kg

MG 10/8 S-K

 **GenSet**



MG 10/8 SS-K

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **10 KVA** THREE-PHASE AND **8 KVA** SINGLE-PHASE / DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure + 12V built-in battery with electric start + Engine hourmeter + Fuel level gauge + 1 x 16A, 400 V - 50 Hz three-phase EEC socket + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Voltmeter + AMF connector / RC connector + Emergency STOP button + Manual oil sump pump + Bunded base to retain all liquids + Central lifting eye 		
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Spark arrester muffler + Versions with different voltages 	<ul style="list-style-type: none"> + 60 Hz version + Engine water heaters powered by mains 230 V - 50 Hz 	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + AMF/ATS panel for auto start operation + Remote Start/Stop kit by cable (20m) 		
Noise Level	+ Lwa 93	(68 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type Gen Set asynchronous self-excited and self-protected + Three-phase power (stand by) 10 kVA - 400 V + Three-phase power (prime) 9 kVA - 400 V + Single-phase power (max.) 8 kVA - 230 V + Power Factor 0,8 		
Diesel Engine 3000 rpm	<ul style="list-style-type: none"> + Type Kubota D722 - 3 cyl. - 17 HP (12,5 kWm) - 719 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 74 l + Fuel consumption @ 75% 2,9 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class F + Mechanical Protection IP 23 + Dimensions (L x W x H) 1385 x 645 x 1050mm + Dry Weight 385 kg 		

MG 10/8 SS-K



MG 15/10 I-L

THREE-PHASE POWER GENERATOR / OUTPUT POWER **15 KVA**
THREE-PHASE AND **10 KVA** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ DAS, auto engine protection shutdown system with warning lights in case of:<ul style="list-style-type: none">- battery charger failure- low fuel level- low oil pressure+ Automatic idle device when no load is connected+ 12V built-in battery with electric start+ Engine hourmeter+ Fuel level gauge	<ul style="list-style-type: none">+ 1 x 32A, 400 V - 50 Hz three-phase EEC socket+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Central lifting eye+ Trolley: two-wheels and handles
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ Spark arrester muffler+ AMF/ATS panel for auto start operation	
Accessories on Request	<ul style="list-style-type: none">+ Two-wheels site tow undercarriage (GRT2W)	
Noise Level	<ul style="list-style-type: none">+ LWA 99 (74 dB at 7m)	
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power (stand by) 15 kVA - 400 V+ Three-phase power (prime) 13,5 kVA - 400 V+ Single-phase power (max.) 10 kVA - 230 V+ Power Factor 0,8	
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Lombardini 9LD625-2 - 2 cyl. - 28,5 HP (21 kWm) - 1248 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 38 l+ Fuel consumption @ 75% 4,7 l/h	
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 1400 x 630 x 1023 mm (trolley not included)+ Dry Weight 380 kg	

MG 15/10 I-L



MG 15/10 S-L

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER
15 KVA THREE-PHASE AND **10 KVA** SINGLE-PHASE /
DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none">+ DAS, auto engine protection shutdown system with warning lights in case of:<ul style="list-style-type: none">- battery charger failure- low fuel level- low oil pressure+ Automatic idle device when no load is connected+ 12V built-in battery with electric start+ Engine hourmeter+ Fuel level gauge+ 1 x 32A, 400 V - 50 Hz three-phase EEC socket+ 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker+ Earth Leakage Circuit Breaker (ELCB)+ Voltmeter+ Central lifting eye+ Two-wheels site tow undercarriage (GRT2W)
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ Versions with different voltages+ Spark arrester muffler+ AMF/ATS panel for auto start operation
Accessories on Request	<ul style="list-style-type: none">+ Not available
Noise Level	+ Lwa 96 (71 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type Gen Set asynchronous self-excited and self-protected+ Three-phase power (stand by) 15 kVA - 400 V+ Three-phase power (prime) 13,5 kVA - 400 V+ Single-phase power (max.) 10 kVA - 230 V+ Power Factor 0,8
Diesel Engine 3000 rpm	<ul style="list-style-type: none">+ Type Lombardini 9LD625-2 - 2 cyl. - 28,5 HP (21 kWm) - 1248 cm³+ Fuel diesel+ Cooling system air+ Starting system electric+ Fuel tank capacity 38 l+ Fuel consumption @ 75% 4,7 l/h
Other Features	<ul style="list-style-type: none">+ Insulation Class F+ Mechanical Protection IP 23+ Dimensions (L x W x H) 1400 x 630 x 1023 mm (trailer not included)+ Dry Weight 380 kg

MG 15/10 S-L

 **GenSet**



MG 15/10 S-Y

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER
15 KVA THREE-PHASE AND **10 KVA** SINGLE-PHASE /
 DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature + Automatic idle device when no load is connected + 12V built-in battery with electric start + Engine hourmeter + Fuel level gauge 	<ul style="list-style-type: none"> + 1 x 32A, 400 V - 50 Hz three-phase EEC socket + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + 1 x 16A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Voltmeter + Delta / Star selector + Central lifting eye
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + Spark arrester muffler + AMF/ATS panel for auto start operation 	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) 	
Noise Level	+ LWA 96	(71 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous, self-excited and self-protected + Three-phase power (stand by) 14 kVA - 400 V + Three-phase power (prime) 13 kVA - 400 V + Single-phase power (max.) 9 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 3000 rpm	<ul style="list-style-type: none"> + Type Yanmar 3TNV-70 - 3 cyl. - 18,1 HP (13,3 kWm) - 854 cm³ + Fuel diesel + Cooling system water + Starting system electric + Fuel tank capacity 48 l + Fuel consumption @ 75% 3,6 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 1385 x 645 x 1050 mm + Dry Weight 435 kg 	

MG 15/10 S-Y



MG 15 SS-K

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **15 KVA** THREE-PHASE AND **5 KVA** SINGLE-PHASE / DIESEL ENGINE **3000 RPM**

Gen Set Features	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - low fuel level - low oil pressure - high coolant temperature + Automatic idle device when no load is connected + 12V built-in battery with electric start + Engine hourmeter + Fuel level gauge + 1 x 32A, 400 V - 50 Hz three-phase EEC socket protected by 4-pole circuit breaker + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Emergency STOP button + Voltmeter with phase to phase selector switch + Frequencymeter + AMF connector / RC connector + Central lifting eye + Fork-lift pockets 		
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + Spark arrester muffler + Engine water heaters powered by mains 230 V - 50 Hz 		
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + AMF/ATS panel for auto start operation + Remote Start/Stop kit by cable (20m) 		
Noise Level	+ Lwa 94	(69 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 15 kVA - 400 V + Three-phase power (prime) 13,5 kVA - 400 V + Single-phase power (max.) 5 kVA - 230 V + Power Factor 0,8 		
Diesel Engine 3000 rpm	<ul style="list-style-type: none"> + Type Kubota D1105-E - 3 cyl. - 24,6 HP (18,1 kWm) - 1123 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 47 l + Fuel consumption @ 75% 4,9 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 1500 x 700 x 1090 mm + Dry Weight 410 kg 		

MG 15 SS-K



MG 15 SS-Y

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **15 KVA** THREE-PHASE AND **5 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + AMF connector / RC connector + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure + 12V built-in battery with electric start + Frequencymeter + Voltmeter with phase to phase selector switch + Fuel level gauge 	<ul style="list-style-type: none"> + 1 x 32A, 400 V - 50 Hz three-phase EEC socket protected by 4-pole circuit breaker + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Emergency STOP button + Automatic Voltage Regulator (AVR) + Central lifting eye + Two-wheels site tow undercarriage (GRT2W)
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + 60 Hz version + Engine water heaters powered by mains 230 V - 50 Hz + Spark arrester muffler + Electronic frequency regulator 	
Accessories on Request	<ul style="list-style-type: none"> + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation + Bunded base to retain all liquids + Skid base for use directly on the ground 	
Noise Level	+ Lwa 93 (68 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 15 kVA - 400 V + Three-phase power (prime) 13,5 kVA - 400 V + Single-phase power (max.) 5 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Yanmar 3TNV-88 - 3 cyl. - 17,9 HP (13,2 kWm) - 1642 cm³ + Fuel diesel + Cooling system water + Starting system electric + Fuel tank capacity 67 l + Fuel consumption @ 75% 3,6 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 1500 x 700 x 1185 mm (trailer not included) + Dry Weight 634 kg 	

MG 15 SS-Y



MG 15 SS-P

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **15 KVA** THREE-PHASE AND **5 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + ATS connector / RC connector + Microprocessor Control (MP24) with digital display for full monitoring of generator parameters: auto-start operation - voltage - amperage - frequency - low fuel level - engine hourmeter + Auto engine protection shutdown system, with alarms displayed on the MP24, in case of: <ul style="list-style-type: none"> - battery charging system failure - high coolant temperature - low fuel level - low oil pressure - engine overspeed / underspeed - alternator overvoltage 	<ul style="list-style-type: none"> + 12V built-in battery with electric start + Fuel level gauge + 1 x 32A, 400 V - 50 Hz three-phase EEC socket protected by 4-pole circuit breaker + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Emergency STOP button + Automatic Voltage Regulator (AVR) + Central lifting eye + Two-wheels site tow undercarriage (GRT2W)
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + 60 Hz version 	<ul style="list-style-type: none"> + Engine water heaters powered by mains 230 V - 50 Hz + Spark arrester muffler
Accessories on Request	<ul style="list-style-type: none"> + Remote Start/Stop kit by cable (20m) + Auto Transfer Switch (ATS) panel complete with battery charger for auto-start operation + Bunded base to retain all liquids + Skid base for use directly on the ground 	
Noise Level	<ul style="list-style-type: none"> + LWA 93 (68 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC" 	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 15 kVA - 400 V + Three-phase power (prime) 13,5 kVA - 400 V + Single-phase power (max.) 5 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 403C-15G - 3 cyl. - 18,3 HP (13,3 kWm) - 1496 cm³ + Fuel diesel + Cooling system water + Starting system electric + Fuel tank capacity 67 l + Fuel consumption @ 75% 2,8 l/h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 1500 x 700 x 1185 mm (trailer not included) + Dry Weight 634 kg 	

MG 15 SS-P



MG 23 SS-Y

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **22,5 KVA** THREE-PHASE AND **7,5 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + ATS connector / RC connector + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure + 12V built-in battery with electric start + Frequencymeter + Voltmeter with phase to phase selector switch + Fuel level gauge 	<ul style="list-style-type: none"> + 1 x 32A, 400 V - 50 Hz three-phase EEC socket protected by 4-pole circuit breaker + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Emergency STOP button + Automatic Voltage Regulator (AVR) + Central lifting eye + Two-wheels site tow undercarriage (GRT2W) 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + 60 Hz version + Engine water heaters powered by mains 230V - 50 Hz 	<ul style="list-style-type: none"> + Spark arrester muffler + Electronic frequency regulator 	
Accessories on Request	<ul style="list-style-type: none"> + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation + Bunded base to retain all liquids + Skid base for use directly on the ground 		
Noise Level	+ Lwa 93	(68 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type + Three-phase power (stand by) + Three-phase power (prime) + Single-phase power (max.) + Power Factor 	<ul style="list-style-type: none"> synchronous 22,5 kVA - 400 V 20,2 kVA - 400 V 7,5 kVA - 230 V 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Yanmar 4TNV-88 - 4 cyl. - 24 HP (17,6 kWm) - 2190 cm³ + Fuel + Cooling system + Starting system + Fuel tank capacity + Fuel consumption @ 75% 		
Other Features	<ul style="list-style-type: none"> + Insulation Class + Mechanical Protection + Dimensions (L x W x H) + Dry Weight 		

MG 23 SS-Y



MG 23 US-P

ULTRA SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **21,5 KVA** THREE-PHASE AND **7,5 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + ATS connector / RC connector + Microprocessor Control (MP24) with digital display for full monitoring of generator parameters: auto-start operation - voltage - amperage - frequency - low fuel level - engine hourmeter + Auto engine protection shutdown system, with alarms displayed on the MP24, in case of: <ul style="list-style-type: none"> - battery charging system failure - high coolant temperature - low fuel level - low oil pressure - engine overspeed / underspeed - alternator overvoltage 	<ul style="list-style-type: none"> + 12V built-in battery with electric start + Fuel level gauge + 1 x 32A, 400 V - 50 Hz three-phase EEC socket protected by 4-pole circuit breaker + 1 x 32A, 230 V - 50 Hz single-phase EEC socket protected by circuit breaker + Earth Leakage Circuit Breaker (ELCB) + Emergency STOP button + Automatic Voltage Regulator (AVR) + Central lifting eye + Two-wheels site tow undercarriage (GRT2W) 	
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + Versions with different voltages + 60 Hz version + Engine water heaters powered by mains 230 V - 50 Hz + Spark arrester muffler 		
Accessories on Request	<ul style="list-style-type: none"> + Remote Start/Stop kit by cable (20m) + Auto Transfer Switch (ATS) panel complete with battery charger for auto-start operation + Bunded base to retain all liquids + Skid base for use directly on the ground 		
Noise Level	+ Lwa 89	(64 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	+ Type	synchronous	
	+ Three-phase power (stand by)	21,5 kVA - 400 V	
	+ Three-phase power (prime)	19,5 kVA - 400 V	
	+ Single-phase power (max.)	7,5 kVA - 230 V	
	+ Power Factor	0,8	
Diesel Engine 1500 rpm	+ Type	Perkins 404C-22G - 4 cyl. - 28 HP (20,3 kWm) - 2216 cm ³	
	+ Fuel	diesel	
	+ Cooling system	water	
	+ Starting system	electric	
	+ Fuel tank capacity	67 l	
	+ Fuel consumption @ 75%	4 l/h	
Other Features	+ Insulation Class	H	
	+ Mechanical Protection	IP 23	
	+ Dimensions (L x W x H)	1500 x 700 x 1185 mm (trailer not included)	
	+ Dry Weight	644 kg	

MG 23 US-P



MG 35 S-P

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER
33 KVA THREE-PHASE AND **10 KVA** SINGLE-PHASE /
 DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed + Set mounted distribution board with three and single-phase outlets protected by circuit breakers and ELCB + AMF connector / RC connector + 12V built-in battery with electric start 	<ul style="list-style-type: none"> + Engine hourmeter + Fuel level gauge + Fuel/Water separator + Emergency STOP button + Voltmeter with phase to phase selector switch + Frequencymeter + Automatic Voltage Regulator (AVR) + Manual oil sump pump + Central lifting eye + Fork-lift pockets
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Electronic frequency regulator + Engine water heaters powered by mains 230 V - 50 Hz 	<ul style="list-style-type: none"> + Spark arrester muffler + Long run fuel tank (24h) complete with bunded base + Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Bunded base to retain all liquids + Remote Start/Stop kit by cable (20m) 	<ul style="list-style-type: none"> + AMF/ATS panel for auto start operation
Noise Level	<ul style="list-style-type: none"> + Lwa 97 (72 dB at 7m) 	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 33 kVA - 400 V + Three-phase power (prime) 30 kVA - 400 V + Single-phase power (max.) 10 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 1103C-33G3 3 cyl. - 40,8 HP (30 kWm) - 3300 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 93 l + Fuel consumption @ 75% 6,1 l/h
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 1972 x 900 x 1433 mm + Dry Weight 1025 kg 	

Note: for non UE Countries, Perkins engine type 1103A-33G1

MG 35 S-P



MG 35 SS-P

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **33 KVA** THREE-PHASE AND **10 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + Voltmeter with phase to phase selector switch + Ammeter with phase to phase selector switch + Main circuit breaker + Frequency meter + Engine hourmeter + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed 	<ul style="list-style-type: none"> + Fuel level gauge + High coolant temperature indicator + Emergency STOP button + Earth Leakage Circuit Breaker (ELCB) + AMF connector / RC connector + Automatic Voltage Regulator (AVR) + Three-phase output terminal board + Manual oil sump pump + Fuel/Water separator + Central lifting eye + Fork-lift pockets
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Electronic frequency regulator + Engine water heaters powered by mains 230 V - 50Hz 	<p>Recommended for rental sector:</p> <ul style="list-style-type: none"> + Long run fuel tank (24h) complete with bunded base + Set mounted distribution board with three and single-phase outlets protected by circuit breakers + Spark arrester muffler + Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote Start/Stop kit by cable (20m) 	<ul style="list-style-type: none"> + AMF/ATS panel for auto start operation + Bunded base to retain all liquids
Noise Level	<ul style="list-style-type: none"> + Lwa 93 (68 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC" 	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 33 kVA - 400 V + Three-phase power (prime) 30 kVA - 400 V + Single-phase power (max.) 10 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 1103C-33G3 3 cyl. - 40,8 HP (30 kWm) - 3300 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 93 l + Fuel consumption @ 75% 6,1 l/h
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 1972 x 900 x 1433 mm + Dry Weight 1025 kg 	

Note: for non UE Countries, Perkins engine type 1103A-33G1

MG 35 SS-P



MG 50 S-P

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER
50 KVA THREE-PHASE AND **16,5 KVA** SINGLE-PHASE /
 DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed + Set mounted distribution board with three and single-phase outlets protected by circuit breakers and ELCB + AMF connector / RC connector + 12V built-in battery with electric start 	<ul style="list-style-type: none"> + Engine hourmeter + Fuel level gauge + Fuel/Water separator + Emergency STOP button + Voltmeter with phase to phase selector switch + Frequencymeter + Automatic Voltage Regulator (AVR) + Manual oil sump pump + Central lifting eye + Fork-lift pockets
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Electronic frequency regulator + Engine water heaters powered by mains 230 V - 50 Hz 	<ul style="list-style-type: none"> + Spark arrester muffler + Long run fuel tank (24h) complete with bunded base + Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Bunded base to retain all liquids + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation 	
Noise Level	+ Lwa 96 (71 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC"	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 50 kVA - 400 V + Three-phase power (prime) 45 kVA - 400 V + Single-phase power (max.) 16,5 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 1103C-33TG3 - turbocharged - 3 cyl. - 63,2 HP (46,5 kWm) - 3300 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 93 l + Fuel consumption @ 75% 8 l/h
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 1972 x 900 x 1433 mm + Dry Weight 1075 kg 	

MG 50 S-P



MG 50 SS-P

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **50 KVA** THREE-PHASE AND **16,5 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + Voltmeter with phase to phase selector switch + Ammeter with phase to phase selector switch + Main circuit breaker + Frequency meter + Engine hourmeter + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed 	<ul style="list-style-type: none"> + Fuel level gauge + High coolant temperature indicator + Emergency STOP button + Earth Leakage Circuit Breaker (ELCB) + AMF connector / RC connector + Automatic Voltage Regulator (AVR) + Three-phase output terminal board + Manual oil sump pump + Fuel/Water separator + Central lifting eye + Fork-lift pockets
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Electronic frequency regulator + Engine water heaters powered by mains 230 V - 50 Hz 	<p>Recommended for rental sector:</p> <ul style="list-style-type: none"> + Long run fuel tank (24h) complete with bunded base + Set mounted distribution board with three and single-phase outlets protected by circuit breakers + Spark arrester muffler + Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation + Bunded base to retain all liquids 	
Noise Level	<ul style="list-style-type: none"> + Lwa 93 (68 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC" 	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 50 kVA - 400 V + Three-phase power (prime) 45 kVA - 400 V + Single-phase power (max.) 16,5 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 1103C-33TG3 - turbocharged - 3 cyl. - 63,2 HP (46,5 kWm) - 3300 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 93 l + Fuel consumption @ 75% 8 l/h
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 1972 x 900 x 1433 mm + Dry Weight 1075 kg 	

MG 50 SS-P



MG 70 S-P

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **66 KVA** THREE-PHASE AND **22 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed + Set mounted distribution board with three and single-phase outlets protected by circuit breakers and ELCB + AMF connector / RC connector + 12V built-in battery with electric start 	<ul style="list-style-type: none"> + Engine hourmeter + Fuel level gauge + Fuel/Water separator + Emergency STOP button + Voltmeter with phase to phase selector switch + Frequencymeter + Automatic Voltage Regulator (AVR) + Manual oil sump pump + Central lifting eye + Fork-lift pockets
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Electronic frequency regulator + Engine water heaters powered by mains 230 V - 50 Hz + Spark arrester muffler + Long run fuel tank (24h) complete with bunded base + Separate tank facility c/w quick release couplings 	
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Bunded base to retain all liquids 	<ul style="list-style-type: none"> + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation
Noise Level	<ul style="list-style-type: none"> + Lwa 96 (71 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC" 	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 66 kVA - 400 V + Three-phase power (prime) 60 kVA - 400 V + Single-phase power (max.) 22 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 1104C-44TG3 - turbocharged - 4 cyl. - 80,2 HP (59 kWm) - 4400 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 187 l + Fuel consumption @ 75% 10,2 l/h
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 2600 x 950 x 1568 mm + Dry Weight 1280 kg 	

MG 70 S-P



MG 70 SS-P

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **66 KVA** THREE-PHASE AND **22 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + Voltmeter with phase to phase selector switch + Ammeter with phase to phase selector switch + Main circuit breaker + Frequencymeter + Engine hourmeter + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed 	<ul style="list-style-type: none"> + Fuel level gauge + High coolant temperature indicator + Emergency STOP button + Earth Leakage Circuit Breaker (ELCB) + AMF connector / RC connector + Automatic Voltage Regulator (AVR) + Three-phase output terminal board + Manual oil sump pump + Fuel/Water separator + Central lifting eye + Fork-lift pockets
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Electronic frequency regulator + Engine water heaters powered by mains 230 V - 50 Hz 	<p>Recommended for rental sector:</p> <ul style="list-style-type: none"> + Long run fuel tank (24h) complete with bunded base + Set mounted distribution board with three and single-phase outlets protected by circuit breakers + Spark arrester muffler + Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote Start/Stop kit by cable (20m) 	<ul style="list-style-type: none"> + AMF/ATS panel for auto start operation + Bunded base to retain all liquids
Noise Level	<ul style="list-style-type: none"> + Lwa 93 (68 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC" 	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 66 kVA - 400 V + Three-phase power (prime) 60 kVA - 400 V + Single-phase power (max.) 22 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 1104C-44TG3 - turbocharged - 4 cyl. - 80,2 HP (59 kWm) - 4400 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 187 l + Fuel consumption @ 75% 10,2 l/h
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 2600 x 950 x 1568 mm + Dry Weight 1280 kg 	

MG 70 SS-P



MG 90 S-P

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER
88 KVA THREE-PHASE AND **29 KVA** SINGLE-PHASE /
DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none">+ DAS, auto engine protection shutdown system with warning lights in case of:<ul style="list-style-type: none">- battery charger failure- high coolant temperature- low fuel level- low oil pressure- overspeed+ Set mounted distribution board with three and single-phase outlets protected by circuit breakers and ELCB+ AMF connector / RC connector+ 12V built-in battery with electric start	<ul style="list-style-type: none">+ Engine hourmeter+ Fuel level gauge+ Fuel/Water separator+ Emergency STOP button+ Voltmeter with phase to phase selector switch+ Frequencymeter+ Automatic Voltage Regulator (AVR)+ Electronic frequency regulator+ Manual oil sump pump+ Central lifting eye+ Fork-lift pockets
Gen Set Options (available as factory options)	<ul style="list-style-type: none">+ 60 Hz version+ Versions with different voltages+ Engine water heaters powered by mains 230V - 50 Hz+ Spark arrester muffler	<ul style="list-style-type: none">+ Long run fuel tank (24h) complete with bunded base+ Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none">+ Two-wheels site tow undercarriage (GRT2W)+ Bunded base to retain all liquids+ Remote Start/Stop kit by cable (20m)+ AMF/ATS panel for auto start operation	
Noise Level	+ Lwa 97 (72 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none">+ Type synchronous+ Three-phase power (stand by) 88 kVA - 400 V+ Three-phase power (prime) 80 kVA - 400 V+ Single-phase power (max.) 29 kVA - 230 V+ Power Factor 0,8	
Diesel Engine 1500 rpm	<ul style="list-style-type: none">+ Type Perkins 1104C-44TAG1 - turbocharged - 4 cyl. - 112,2 HP (82,5 kWm) - 4400 cm³+ Fuel diesel+ Cooling system water+ Starting system electric+ Fuel tank capacity 187 l+ Fuel consumption @ 75% 14,3 l/h	
Other Features	<ul style="list-style-type: none">+ Insulation Class H+ Mechanical Protection IP 23+ Dimensions (L x W x H) 2600 x 950 x 1568 mm+ Dry Weight 1406 kg	

MG 90 S-P



MG 90 SS-P

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **88 KVA** THREE-PHASE AND **29 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + Voltmeter with phase to phase selector switch + Ammeter with phase to phase selector switch + Main circuit breaker + Frequencymeter + Engine hourmeter + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed + Fuel level gauge + High coolant temperature indicator 	<ul style="list-style-type: none"> + Emergency STOP button + Earth Leakage Circuit Breaker (ELCB) + AMF connector / RC connector + Automatic Voltage Regulator (AVR) + Electronic frequency regulator + Three-phase output terminal board + Long run fuel tank (24h) complete with bunded base + Manual oil sump pump + Fuel/Water separator + Central lifting eye + Fork-lift pockets
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Engine water heaters powered by mains 230 V - 50 Hz 	<p>Recommended for rental sector:</p> <ul style="list-style-type: none"> + Spark arrester muffler + Set mounted distribution board with three and single-phase outlets protected by circuit breakers + Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation 	
Noise Level	+ Lwa 94 (69 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 88 kVA - 400 V + Three-phase power (prime) 80 kVA - 400 V + Single-phase power (max.) 29 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 1104C-44TAG1 - turbocharged - 4 cyl. - 112,2 HP (82,5 kWm) - 4400 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 470 l + Fuel consumption @ 75% 14,3 l/h
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 3200 x 1230 x 1870 mm + Dry Weight 2025 kg 	

MG 90 SS-P



MG 115 S-P

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **110 KVA** THREE-PHASE AND **37 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed + Set mounted distribution board with three and single-phase outlets protected by circuit breakers and ELCB + AMF connector / RC connector + 12V built-in battery with electric start 	<ul style="list-style-type: none"> + Engine hourmeter + Fuel level gauge + Fuel/Water separator + Emergency STOP button + Voltmeter with phase to phase selector switch + Frequencymeter + Automatic Voltage Regulator (AVR) + Electronic frequency regulator + Manual oil sump pump + Central lifting eye + Fork-lift pockets 		
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Engine water heaters powered by mains 230 V - 50 Hz + Spark arrester muffler + Long run fuel tank (24h) complete with bunded base + Separate tank facility c/w quick release couplings 			
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Bunded base to retain all liquids + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation 			
Noise Level	+ Lwa 97	(72 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"	
AC Generator 50 Hz	+ Type	synchronous		
	+ Three-phase power (stand by)	110 kVA - 400 V		
	+ Three-phase power (prime)	100 kVA - 400 V		
	+ Single-phase power (max.)	37 kVA - 230 V		
	+ Power Factor	0,8		
Diesel Engine 1500 rpm	+ Type Perkins 1104C-44TAG2 - turbocharged - 4 cyl. - 133 HP (98 kWm) - 4400 cm ³	+ Starting system	electric	
	+ Fuel	diesel	+ Fuel tank capacity	187 l
	+ Cooling system	water	+ Fuel consumption @ 75%	17,1 l/h
Other Features	+ Insulation Class	H		
	+ Mechanical Protection	IP 23		
	+ Dimensions (L x W x H)	2600 x 950 x 1568 mm		
	+ Dry Weight	1406 kg		

MG 115 S-P



MG 115 SS-P

SUPER SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **110 KVA** THREE-PHASE AND **37 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + Voltmeter with phase to phase selector switch + Ammeter with phase to phase selector switch + Main circuit breaker + Frequencymeter + Engine hourmeter + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed + Fuel level gauge + High coolant temperature indicator 	<ul style="list-style-type: none"> + Emergency STOP button + Earth Leakage Circuit Breaker (ELCB) + AMF connector / RC connector + Automatic Voltage Regulator (AVR) + Electronic frequency regulator + Three-phase output terminal board + Long run fuel tank (24h) complete with bunded base + Manual oil sump pump + Fuel/Water separator + Central lifting eye + Fork-lift pockets
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Engine water heaters powered by mains 230 V - 50 Hz 	<p>Recommended for rental sector:</p> <ul style="list-style-type: none"> + Spark arrester muffler + Set mounted distribution board with three and single-phase outlets protected by circuit breakers + Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation 	
Noise Level	+ Lwa 94 (69 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 110 kVA - 400 V + Three-phase power (prime) 100 kVA - 400 V + Single-phase power (max) 37 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Perkins 1104C-44TAG2 - turbocharged - 4 cyl. - 133 HP (98 kWm) - 4400 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 470 l + Fuel consumption @ 75% 17,1 l/h
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 3200 x 1230 x 1870 mm + Dry Weight 2025 kg 	

MG 115 SS-P



MG 140 S-DZ

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **137 KVA** THREE-PHASE AND **45,5 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + Voltmeter + Ammeter + Engine hourmeter + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed 	<ul style="list-style-type: none"> + Main circuit breaker + Fuel level gauge + Automatic Voltage Regulator (AVR) + Electronic frequency regulator + Three-phase output terminal board + Emergency STOP button + AMF connector / RC connector + Side lifting eyes
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Earth Leakage Circuit Breaker (ELCB) + Long run fuel tank (24h) complete with bunded base + Engine water heaters powered by mains 230 V - 50 Hz 	<ul style="list-style-type: none"> + Spark arrester muffler + Set mounted distribution board with three and single-phase outlets protected by circuit breakers and ELCB + Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation 	
Noise Level	<ul style="list-style-type: none"> + LWA 97 (72 dB at 7m) Homologated in accordance with the "Directive 2000/14/EC" 	
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 137 kVA - 400 V + Three-phase power (prime) 130 kVA - 400 V + Single-phase power (max.) 45,5 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Deutz BF4M 1013 FC - turbocharged - 4 cyl. - 162,9 HP (119,7 kWm) - 4764 cm³ + Fuel diesel + Cooling system water + Starting system electric + Fuel tank capacity 155 l + Operating hours @ 75% 7 h 	
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 3100 x 1100 x 1555 mm + Dry Weight 1800 kg 	

MG 140 S-DZ



MG 175 S-DZ

SILENCED THREE-PHASE POWER GENERATOR / OUTPUT POWER **172 KVA** THREE-PHASE AND **57 KVA** SINGLE-PHASE / DIESEL ENGINE **1500 RPM**

Gen Set Features	<ul style="list-style-type: none"> + Voltmeter + Ammeter + Engine hourmeter + DAS, auto engine protection shutdown system with warning lights in case of: <ul style="list-style-type: none"> - battery charger failure - high coolant temperature - low fuel level - low oil pressure - overspeed 	<ul style="list-style-type: none"> + Main circuit breaker + Fuel level gauge + Automatic Voltage Regulator (AVR) + Three-phase output terminal board + Emergency STOP button + AMF connector / RC connector + Side lifting eyes
Gen Set Options (available as factory options)	<ul style="list-style-type: none"> + 60 Hz version + Versions with different voltages + Earth Leakage Circuit Breaker (ELCB) + Long run fuel tank (24h) complete with bunded base + Engine water heaters powered by mains 230 V - 50 Hz 	<ul style="list-style-type: none"> + Electronic frequency regulator + Spark arrester muffler + Set mounted distribution board with three and single-phase outlets protected by circuit breakers and ELCB + Separate tank facility c/w quick release couplings
Accessories on Request	<ul style="list-style-type: none"> + Two-wheels site tow undercarriage (GRT2W) + Remote Start/Stop kit by cable (20m) + AMF/ATS panel for auto start operation 	
Noise Level	+ Lwa 99 (74 dB at 7m)	Homologated in accordance with the "Directive 2000/14/EC"
AC Generator 50 Hz	<ul style="list-style-type: none"> + Type synchronous + Three-phase power (stand by) 172 kVA - 400 V + Three-phase power (prime) 164 kVA - 400 V + Single-phase power (max.) 57 kVA - 230 V + Power Factor 0,8 	
Diesel Engine 1500 rpm	<ul style="list-style-type: none"> + Type Deutz BF6M 1013 EC - turbocharged - 6 cyl. - 202,9 HP (149,1 kWm) - 7164 cm³ + Fuel diesel + Cooling system water 	<ul style="list-style-type: none"> + Starting system electric + Fuel tank capacity 155 l + Operating hours @ 75% 6 h
Other Features	<ul style="list-style-type: none"> + Insulation Class H + Mechanical Protection IP 23 + Dimensions (L x W x H) 3100 x 1100 x 1555 mm + Dry Weight 1950 kg 	

MG 175 S-DZ



GENERATING SETS FROM 200 KVA TO 560 KVA

SOUNDPROOF CANOPY / DIESEL ENGINE 1500 RPM

AC Generator 50 Hz	MG 206 S	MG 226 S	MG 279 S	MG 350 S
Three-phase power 400V (stand by)	206 kVA	226 kVA	279 kVA	350 kVA
Three-phase power 400V (prime)	180 kVA	205 kVA	250 kVA	315 kVA
Power factor	0,8	0,8	0,8	0,8
Alternator	synchronous	synchronous	synchronous	synchronous
Diesel Engine 1500 rpm	Deutz	Deutz	Deutz	Deutz
Type	BF6M 1013FC G2	BF6M 1013FC G3	TCD 2013 L06 4V	BF6M 1015 C G2
Starting system	electric	electric	electric	electric
Cooling system	water	water	water	water
N° of cylinders	6	6	6	6
Displacement (c.c.)	7146	7146	7146	11906
Max. power (hp)	243	268	327	409
Fuel tank capacity (l)	400	400	450	450
Operating hours at 75% (h)	12,5	11,5	11,5	9,5
Other Features				
Lenght (mm)	3613	3613	3900	3900
Width (mm)	1300	1300	1400	1400
Height (mm)	1904	1904	2100	2100
Dry weight (kg)	2950	2950	3900	3900
Noise level LwA dB(A)	96	96	97	97
Acoustic pressure at 7 mt LpA dB(A)	71	71	72	72

Gen Set Features

- + Voltmeter
- + Ammeter
- + Engine hourmeter
- + DAS, auto engine protection shutdown system with warning lights in case of:
 - battery charger failure
 - high coolant temperature
 - low fuel level
 - low oil pressure
 - engine overspeed
- + Main circuit breaker
- + Fuel level gauge
- + Automatic Voltage Regulator (AVR)
- + Electronic frequency regulator
- + Three-phase output terminal board
- + Emergency STOP button
- + AMF connector / RC connector
- + Side lifting eyes

+ Homologated in accordance with the "Directive 2000/14/EC"

+ 1. MG 279 S; 2. MG 560 S.



GENERATING SETS FROM 200 KVA TO 560 KVA

SOUNDPROOF CANOPY /
DIESEL ENGINE 1500 RPM

MG 390 S	MG 412 S	MG 480 S	MG 523 S	MG 560 S
390 kVA	412 kVA	480 kVA	523 kVA	560 kVA
350 kVA	380 kVA	450 kVA	475 kVA	510 kVA
0,8	0,8	0,8	0,8	0,8
synchronous	synchronous	synchronous	synchronous	synchronous
Deutz	Deutz	Deutz	Deutz	Deutz
BF6M 1015 C G3	BF6M 1015 CP	BF8M 1015 C G2	BF8M 1015 C G3	BF8M 1015 CP
electric	electric	electric	electric	electric
water	water	water	water	water
6	6	8	8	8
11906	11906	15874	15874	15874
456	482	555	605	648
350	350	350	350	350
6,5	5,7	4,7	4,9	4,1
4500	4900	4900	4900	4900
1600	1650	1650	1650	1650
2000	2833	2833	2833	2833
4450	5000	5500	6000	6500
97	95	95	95	95
72	70	70	70	70

Gen Set Options

- + 60 Hz version
- + Versions with different voltages
- + Earth Leakage Circuit Breaker (ELCB)
- + Long run fuel tank (24h) complete with bunded base
- + Engine water heaters powered by mains 230 V - 50 Hz
- + Spark arrester muffler
- + Set mounted distribution board with three and single-phase outlets protected by circuit breakers and ELCB
- + Separate tank facility c/w quick release couplings

Accessories on Request

- + Two-wheels site tow undercarriage (GRT2W)
- + Remote Start/Stop kit by cable (20m)
- + AMF/ATS panel for auto start operation



 **GenSet**



GENERATING SETS FROM 600 KVA TO 2000 KVA

The range is made up of **Soundprooves** Power Generators, according to latest EC Noise Emission Regulations.

Power ratings between 600 kVA and 2000 kVA.

Water cooled diesel engines, 1500 rpm - 50 Hz. 60 Hz - 1800 rpm models available on request.

SKID MOUNTED GENERATING SETS

To complete a comprehensive range of power generators with different soundproofing enclosures, Gen Set propose a line of **open version Generating Sets** featuring power ratings between **15 kVA** and **2000 kVA**.

Air-cooled and water-cooled diesel engines, both running at 1500 rpm - 50Hz, have been supplied. Upon request 60Hz versions running at 1800rpm.

MG US MG EVENT GENERATORS

The **New Gen Set EVENT** range of generators has been developed for all uses where reliability, high performance and **very low noise operation** are essential requirements. Especially designed for outdoor events, live concerts, film sets, exhibitions, utilities and telecommunications applications.

Power ratings between 10 kVA and 70 kVA

Powered by water cooled diesel engines. Upon request 1800 rpm - 60Hz models available.

+ For further information on these products, please contact Gen Set's sales offices directly.



MG AA AUTO MAINS FAILURE PANELS

Gen Sets Auto Mains Failure Panels

are designed to automatically start the generator and supply power within a few seconds of the loss of the mains. The **AMF panel** controls the generator operating conditions; it protects the generator in case of any malfunction; it stops the generator when the mains supply returns and then prepares the generator for a new start.

The Automatic Start panel is available as a:

- + wall mountable panel
- + free standing cubicle.

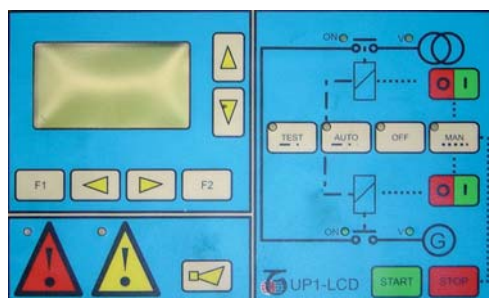
The front panel includes:

- + digital read-out selection for: frequency, battery level, mains/generator voltage, current supplied by generator;
- + stop and start controls;
- + operating functions selection switch;
- + led warning lights for operating conditions control;
- + timer device for operating control program;
- + engine hourmeter.

All circuits, (operating control, checking and regulation), are controlled by a led programmable microprocessor which enables the programming of the functioning parameters, according to the requirements of the particular application. The microprocessor card is positioned on the front panel, making it easy to replace if it gets damaged. Every on-going electrical signal is protected from any possible damage caused by mains over voltages. All the Gen Sets panels are provided with a four pole changing over, an automatic battery charger and a multiple cable for the connection with the generator.

Other **optional features** available on request are:

- + long distance transmission remote control facilities for the alarm and operating conditions;
- + PC interface.



VOYAGER GENERATORS

AC Generator 50 Hz	MHS 5800 H/SA *	MG 5010 DM	MG 8000 SSA-WL	MG 10000 SSA-WL
Three-phase power 400V (stand by)	//	//	//	//
Power factor	//	//	//	//
Three-phase power 230V (stand by)	5,8 kVA / 4,65 kW	5 kW	8 kVA / 6,4 kW	10 kVA / 8 kW
Power factor	0,8	1	0,8	0,8
Alternator	synchronous	synchronous	synchronous	synchronous
Engine	Honda	Yanmar	Lombardini	Lombardini
Type	GX 390 OHV	L 100 AE	LDW 1003	LDW 1204
Fuel	petrol	diesel	diesel	diesel
Engine speed (rpm)	3000	3000	1500	1500
Starting system	electric	electric	electric	electric
Cooling system	air	air	water	water
N° of cylinders	1	1	3	4
Displacement (c.c.)	390	406	1028	1222
Max. power (hp)	13	10	12,5	14
Fuel consumption at 4/4 load (l/h)	2,9	2,1	3,2	3,45
Other Features				
Generator dimensions:				
Length (mm)	810	700	1040	1190
Width (mm)	505	530	600	600
Height (mm)	442	530	720	720
Generator housing dimensions:				
Length (mm)	881	//	1090	1240
Width (mm)	575	//	650	650
Height (mm)	491	//	770	770
Dry weight (kg)	158	145	295	330
Noise level LwA dB(A)	86	89	85	86
Acoustic pressure at 7 mt LpA dB(A)	61	64	60	61

* Available with built-in fuel tank (MH 5800 H/SA) (total height: 581 mm)

The Gen Set **Voyager Generators** are specifically designed for **installation in motor vehicles which require an independent power supply.** Emergency rescue vehicles, mobile workshops, demonstration vans,

mobile catering vehicles, are the main applications of this product range of which Gen Set is market leader. **The range includes single-phase and three-phase models featuring power ratings between 5,8 kVA and 20 kVA.**

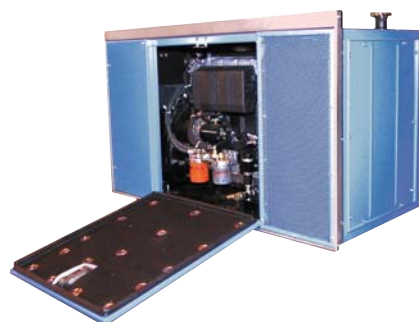
A wide range of diesel engines (Lombardini - Yanmar) and petrol (Honda) with water or air cooling system are available.



+ 1. MH 5800 H/SA; 2. MG 12000 SSA-WL; 3. MG 15 DT.



1



2

VOYAGER GENERATORS

MG 12000 SSA-WL	MG 12 DM	MG 16 DM	MG 10 DT	MG 15 DT	MG 20 DT
//	//	//	10 kVA	14 kVA	19,1 kVA
//	//	//	0,8	0,8	0,8
12 kVA / 9,6 kW	11,2 kW	15,3 kW	3,3 kW	4,6 kW	6,3 kW
0,8	1	1	1	1	1
synchronous	synchronous	synchronous	synchronous	synchronous	synchronous
Lombardini	Yanmar	Yanmar	Yanmar	Yanmar	Yanmar
LDW 1404	3TNV88	4TNV88	3TNE78A	3TNV88	4TNV88
diesel	diesel	diesel	diesel	diesel	diesel
1500	1500	1500	1500	1500	1500
electric	electric	electric	electric	electric	electric
water	water	water	water	water	water
4	3	4	3	3	4
1372	1642	2190	1240	1642	2190
17	18,1	24,1	13,3	18,1	24,1
4,2	4	5,6	2,9	4	5,6
1190	1440	1570	1070	1440	1570
600	650	650	560	650	650
720	810	810	660	810	810
1240	//	//	//	//	//
650	//	//	//	//	//
770	//	//	//	//	//
338	500	550	320	500	550
86	87	87	83	87	87
61	62	62	58	62	62

The **Voyager Generators** are directly fed by the vehicle fuel tank and battery, they are very compact and they have the following specific features:

- + Extremely low noise level
- + Easy maintenance thanks to a large front access door
- + One side service
- + Reduced overall dimensions
- + Separate control panel to be placed inside the motor vehicle for remote start and stop

+ For further information on our products, please contact Gen Set's sales offices directly.



P.T.O. DRIVEN GENERATING SETS

AC Generator 50 Hz	MT 6.5	MT 10	MT 15	MT 20
Three-phase power 400V (prime)	6,5 kVA	10 kVA	15 kVA	20 kVA
Power factor	0,8	0,8	0,8	0,8
Alternator	synchronous	synchronous	synchronous	synchronous
Engine speed (rpm)	3000	3000	3000	3000
Required power (hp)	9,4	13,8	20,5	26,4
Other Features				
Lenght (mm)	820	820	820	820
Width (mm)	900	900	900	900
Height (mm)	800	800	800	800
Weight (kg)	80	94	115	126
Power takeoff speed (rpm)	440	440	440	440

AC Generator 50 Hz	MT 6.5/4	MT 10/4	MT 15/4	MT 20/4
Three-phase power 400V (prime)	6,5 kVA	10 kVA	15 kVA	20 kVA
Power factor	0,8	0,8	0,8	0,8
Alternator	synchronous	synchronous	synchronous	synchronous
Engine speed (rpm)	1500	1500	1500	1500
Required power (hp)	9,3	13,8	20,6	26
Caratteristiche				
Lenght (mm)	820	820	820	820
Width (mm)	900	900	900	900
Height (mm)	800	800	800	800
Weight (kg)	117	135	150	200
Power takeoff speed (rpm)	400	400	400	400

Developed to satisfy strict farm requirements and different applications in particular rough areas, the agricultural line of gensets are P.T.O. (power take off) driven generators. Easy to use, they ensure safety operation, minimum maintenance and reliable performances



+ 1. MT 20; 2. MT 25; 3. MT 40/4.



P.T.O. DRIVEN GENERATING SETS

MT 25	MT 30
25 kVA	30 kVA
0,8	0,8
synchronous	synchronous
3000	3000
33	39,5
900	900
950	950
850	850
215	250
440	440

MT 25/4	MT 31.2/4	MT 40/4
25 kVA	30 kVA	40 kVA
0,8	0,8	0,8
synchronous	synchronous	synchronous
1500	1500	1500
33,2	41,2	52
820	820	950
900	900	1020
800	800	1020
230	245	400
400	400	400

+ For further information on our products, please contact Gen Set's sales offices directly.



Very **mobile lighting towers** with a simple design, easy to use, robust and reliable. The Gen Set lighting towers are available with mounting kit, easily suitable for a wide range of Single-phase and three/Single-phase generating sets as well as engine driven welders from 5 kVA to 22 kVA powered by gasoline or diesel engine. Above these power outputs the towers are supplied fitted on a site or road tow undercarriage. They are also supplied as standalone units fitted on three stabilisers, connectable to the generator Single-phase outlet or to the mains.

Tower Light Features

- + Two wheels trolley for an easy manoeuvrability, or, two wheels trailer with towing bar
- + Stabilisers ensure secure operation, on flat surface, even in high winds (max 110 km/h - 70 mph)
- + 5,5 - 7 - 9 - 15 m
- + telescopic and tilting mast, made by inox, operated by an handle winch which allows infinite variable height adjustments; upon request an hydraulic or electric winch is also available
- + 2, 4 or 6 lamps, 500 W or 1000 W each
- + Long run fuel tank fitted on the tower light trolley or trailer (available on request)

+ For further information on our products, please contact Gen Set's sales offices directly.



+ Down, Two wheels Tower Light trolley; right, MG 10000 SS-K with Tower Light.

ARC FORCE CONTROL (On/Off Switch)

Preset Arc Force device. Helps you to keep a stable arc characteristic without affecting the selected welding current. Ideal for welding with cellulosic electrode. It avoids the electrode "sticking" while short arc length is used.

ARC FORCE CONTROL (potentiometer)

Allows the operator to adjust the voltage arc characteristic without affecting the selected welding current. This device provides the most ideal arc for every welding method (up-hill, down-hill etc.) and for any kind of welding rod used. It also avoid the electrode sticking while welding with a short arc length.

CC/CV control for MIG welding

This feature allows to switch from Constant Current regulation, "CC mode" (STICK), to Constant Voltage regulation, "CV mode" (MIG). This device provides also the connection between the welding generator and the wire feeder unit.

LIFT START TIG facility

This feature allows TIG arc starting without high frequency. Starts the arc at any amperage without contaminating the weld with tungsten.

Carbon Arc Gouging (CAG)

A cutting process by which metals are melted by the heat of an arc using a carbon electrode. Molten metal is forced away from the cut by a blast of compressed air.

Earth Leakage Circuit Breaker (ELCB)

Safety protection device which cuts off the current supply in dangerous situations (i.e. electrical insulation loss of a unit connected to the generator).

Stand by power

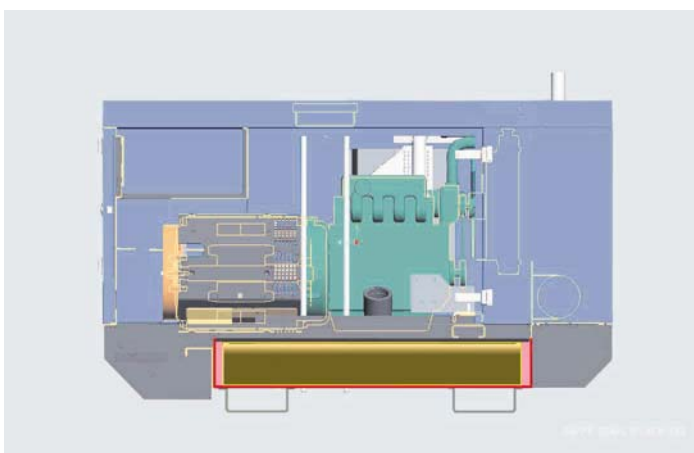
Power available at variable load in the event of a main power network failure. No overload is allowed.

Prime Power

Power available for continuous full load operation. A 10% overload is allowed for 1 h out of 12 h



+ Bunded base to retain all liquids.



Fuel Tank



Bunded base to retain all liquids

P-BOX

This portable unit (6,5 kg) permits paralleling of two equal power engine driven welders doubling the welding current output. Equipped with welding voltmeter and ammeter and connecting cables.

Remote control kit

Remote hand amperage control, supplied with 20 m cable and plug.

Reverse polarity switch kit

Electrically operated device to reverse polarity, suitable for electronic control welders up to 500 Amps, including:

- + polarity switch box;
- + connecting cables between the welder and the polarity switch box;
- remote control, with 20 m cable and plug, composed of:
 - welding current potentiometer;
 - polarity selector switch with warning light.

Spark Arrestor Muffler

Safety device which stops sparks emission from the muffler. Recommended for use in particular areas such as refineries or petrol-chemical storage areas.

Bunded Tank

A Bunded Tank placed at machine base capable to contain all the liquides present in the machine thus avoiding fluids spillage on the ground.

Welding cables with accessories

The kit includes:

- + one dark screen;
- + one transparent glass;
- + one chipping hammer;
- + one steel brush;
- + one electrode holder with 5 m cable, sect. 25 mm², and one ground clamp with 3 m cable, sect. 25 mm² (type ST 25) and/or
- + one electrode holder with 5 m cable, sect. 35 mm², and one ground clamp with 3 m cable, sect. 35 mm² (type ST 35) and/or
- + one electrode holder with 20 m cable, sect. 50 mm², and one ground clamp with 15 m cable, sect. 50 mm² (type ST 50).



+ 1. P. Box; 2. Remote control kit; 3. Reverse polarity switch kit ; 4. Welding cables with accessories.



ACCESSORIES

GEN SET TRAILERS

Site tow undercarriages (max 10-12 km/h)

Three types of Gen Set trailers are available for off road use only.

1. GRT 2W: two-wheels site tow undercarriage

Either factory assembled or supplied in kit includes:

- + heavy duty axle with ball bearing hubs with 2 pneumatic wheels;
- + towing bar with lunette eye;
- + levelling jack stand or steering jack wheel;
- + mounting hardware.

2. GRT 4W: four-wheels site tow undercarriage

Either factory assembled or supplied in kit includes:

- + rear heavy duty axle with ball bearing hubs with drum brake and 2 pneumatic wheels;
- + front heavy duty axle with ball bearing hubs with 2 pneumatic wheels, steering towing bar with lunette eye;
- + parking brake assembly with cables (to be mounted on machine's frame);
- + mounting hardware.

3. GRT 4WLB, four-wheels site tow undercarriage with leaf springs and towing bar

Either factory assembled or supplied in kit includes:

- + rear heavy duty axle with ball bearing hubs, 2 pneumatic wheels, 2 leaf springs and drum brake;
- + front heavy duty axle with ball bearing hubs, steering towing bar on ball steering joints, 2 pneumatic wheels and 2 leaf springs;
- + parking brake assembly;
- + towing bar with lunette eye;
- + mounting hardware.

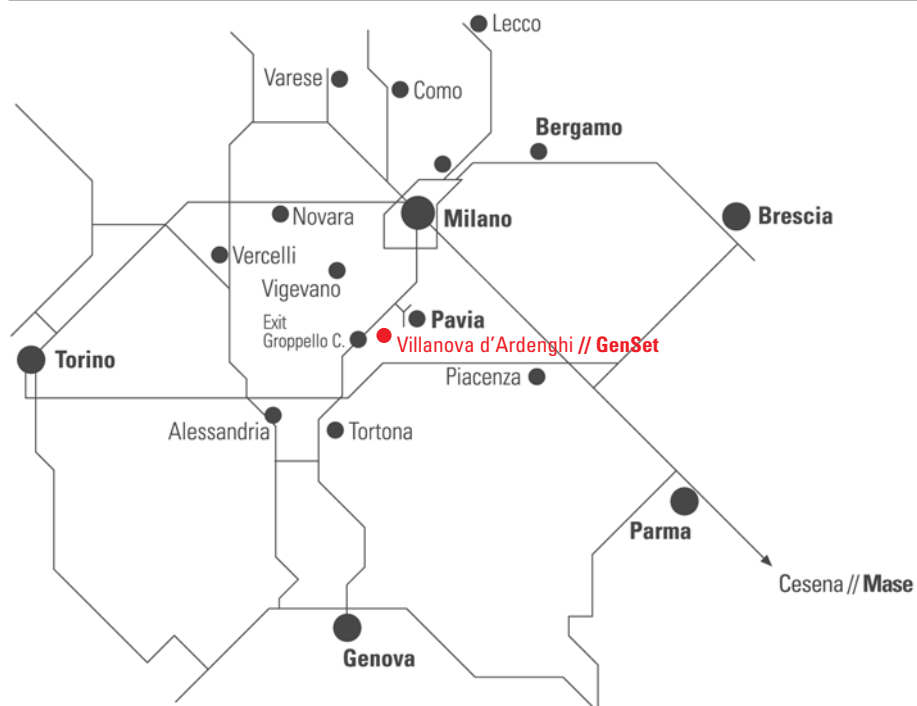
4. Trolley, wheelbarrow type

Different models of trolleys, with two wheels and handles are available.

+ 1. GRT 2W; 2. GRT 4W; 3. GRT 4WLB; 4. Trolley.







Highway A7
Milano/Genova,
Gropello Cairoli exit
Take the **Pavia** direction.

Highway A21
Torino/Piacenza,
Casteggio exit.
Take the state road SS 35
- dei Giovi - towards
Pavia, all the way to the
Pavia bypass entrance.
Keep to the right and,
at the roundabout, take
the **Vigevano/Mortara**
direction.



Specifications
and pictures introduced
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