



# GENSET MPM 6/230 KI - ENGINE DRIVEN WELDER 6 KVA INVERTER

## Product description:

### **MOTOR WELDING WITH ELECTRODE DC GENSET MPM 6-230KI THREEPHASE SINGLEPHASE 6 KVA INVERTER**

GENSET MPM 6-230KI electrode and TIG motorwelder with 6 KVA singlephase STAGE V variable speed diesel engine with electric start and with Inverter voltage regulator.

Thanks to its compact size and very low weight, the GENSET MPM 6-230KI motorwelder is light and easy to transport.

The GENSET MPM 6-230KI also has a low fuel consumption: only 1.7 Lt/h at 75% of the load.

The GENSET MPM 6-230KI motorwelder, thanks to the high quality and efficiency of its components, is suitable for welding DC electrodes with a maximum diameter of 6 mm.

## **Main advantages of the GENSET MPM 6-230KI motorwelder**

CONTINUOUS CURRENT MOTOR WELDING 240A  
WITH SINGLEPHASE ALTERNATED CURRENT GENERATOR

Silenced version

VARIABLE RPM STAGE V DIESEL ENGINE

## **Technical characteristics of the GENSET**

Welding method: Electrode / Tig

Forced arc selector

Remote control socket

Fuel reserve indicator

Battery 12V built-in

Thermal protection

2 singlephase sockets CEE 230V - 16A

Engine oil extraction hose



Central lifting hook

Logic with digital display for reading the following parameters:

generator voltage, battery voltage, frequency, hour meter,

oil pressure, engine temperature, failure to start;

complete with automatic engine stop device with

alarm indication on the display in case of:

-low oil pressure

-high water temperature

- over/under alternator voltage

- over/under alternator frequency

Noise level: Lwa 93 (68 dB at 7 mt)

Welding current adjustment: electronic

Intermittance at 35%: 240A

Intermittance at 60%: 180A

Continuous adjustment: 20A - 240A

Trigger voltage: 90V

Maximum electrode diameter: 6 mm

Type: synchronous, permanent magnets (PMG)

Single-phase power (maximum): 6kVA - 230V

Power factor: cos  $\phi$  1

Kubota Z482 Diesel engine - STAGE V - 2 cyl. - 479 cm<sup>3</sup>

Maximum power: 10.2 HP (7.5 kWm)

Boosting: electric (12Vdc)

Cooling: water

Fuel consumption at 75% load: 1.7 lt/h

Isolation class: H

Environmental temperature: 40 °C (\*)

Reference altitude: 1000 m (\*)

Protection class: IP 23

Fuel tank capacity: 24 lt

Dimensions (L x W x H): 950 x 650 x 660 mm

Dry weight: 214 kg

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Images and technical data are not binding.

### Product features:

Phase: Single phase / Three phase

Maximum power single phase (KW): 6

Maximum power single phase (KVA): 6

Fuel: Diesel

Frequency (Hz): 50

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Voltage (V): 230 / 400  
Sockets configuration: 2 x 230V 16A CEE  
Engine: KUBOTA Z482  
Emissions Regulations: Stage 5  
Starting system: Electric  
Engine capacity (cm<sup>3</sup>): 479  
Number cylinders: 2  
Cooling: Water  
Alternator: Synchronous  
Protection degree: IP23  
Motor insulation class: H  
Regulation current (A): 20 - 240  
Open circuit voltage (V): 90  
Maximum diameter electrodes (mm): 6  
Intermittence: 240 A al 35% / 180 A al 60%  
Fuel tank capacity (L): 24  
Consumption (L/h): 1.7  
Running time (h): 14.12  
Acoustic power: 93 dB(A)  
Acoustic pressure: 68 dB(A) at 7 m  
Length (mm): 950  
Width (mm): 650  
Height (mm): 660  
Dry weight (Kg): 214  
Silenced: Yes  
Super silenced: Yes  
Product type: Engine driven welder  
Voltage regulator: Inverter  
Engine manufacturer: Kubota