



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

Reference: MPM 6/230 KI

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 ? 1
 Kubota Z482 Diesel engine - STAGE V - 2 cyl. - 479 cm³
 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.

Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	6
Maximum power single phase (KVA)	6
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	2 x 230V 16A CEE
Engine	KUBOTA Z482
Emissions Regulations	Stage 5
Starting system	Electric
Engine capacity (cm ³)	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