



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: $\cos \varphi \approx 1$

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.

Product features:

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 (cm³): 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