



ZANARDI HM1 180 A.C. Brushless Alternator-Welder

Product price:

741,00 € tax excluded

Product description:

The AC brushless generators-welders series denominated HM1 guarantees unlimited operation with minimum maintenance. In fact, its particular system enables the user to have full maximum power – either as a single phase generator or as a welder. With a distribution along the sides of the unit for output sockets, the product is really easy to use and delivers great accessibility and a comprehensive number of different panel options.

The AC welder is governed by a selector switch which controls the two functions (generator or welder) and by a commutator which regulates the welding current with seven positions on two scales (one scale for 130 amp version). All of this is packed inside a solid and rugged aluminium structure with a compact and light design and IP23 protection level.

All units have insulation systems to Class H requirements through advanced impregnation processes and material selection.

The HM1 series has been engineered to satisfy the most common end-user needs and the use of a single phase generator with good performances is complemented by an excellent AC welder. This permits the use of the most common diameters of rutile-type electrodes.

Not-binding images and data.

Product features:

Phase: Single phase

Continuous power single phase (KW): 6

Continuous power single phase (KVA): 6

Frequency (Hz): 50

Voltage (V): 115 / 230

Engine rpm (rpm): 3000



Poles: 2

Single-phase power (KVA): 6

Protection degree: IP23

Motor insulation class: H

Mechanical power (hp): 11

Current (A): 180

Current range (A): 55-180

Welding current (A): 180 A @ 35% - 140 A @ 60%

Welding voltage min/max (V): 21.5-27

Open circuit voltage (V): 58

Diameter electrodes (mm): 1.5-4

Maximum diameter electrodes (mm): 4

Type of welding current: AC

Type of welding: MMA

Acoustic pressure: 60 dB(A) at 7 m

Length (mm): 346

Width (mm): 236

Height (mm): 304

Brushes: No

PMG: No

Type of alternator: Constant Speed

Voltage regulator: Capacitor

Weight (Kg): 39