



ZANARDI HM1 180 A.C. Brushless Alternator-Welder

Product price:

648,00 € 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

