

FORCE 168 MPGE + CARRY CASE



- Direct current (DC) MMA electrode inverter welding machine, 150A. Supplied with welding accessories and plastic carry case.
- MPGE (Multi Protection for Generator) device makes the product ideal for use with generators or unstable voltage sources.
- Usable electrodes: rutile, basic, stainless steel, cast iron, etc. up to 4 mm.
- Advanced arc control devices: arc force, hot start, anti-stick.
- Thermostatic, overvoltage, undervoltage, overcurrent protection. Compatible for use with the motor generator (230V, +/-15%).
- High stability of the welding current in power supply voltage variations.
- Light and compact. Easy to transport. Contained consumption thanks to inverter technology.

TECHNICAL DATA

CODE	816211	MAX NO LOAD VOLTAGE IN DC	72 V	POWER FACTOR(cosphi) (cosphi)	0,6
SINGLEPHASE MAINS VOLTAGE	230 V	MAX ABSORBED CURRENT	31 A	D.USABLE ELECTRODES IN DC	1,6 - 4 mm
MAINS FREQUENCY	50 / 60 Hz	MAX ABSORBED POWER	4,1 kW	INSULATION CLASS	H
CURRENT RANGE IN DC	10 - 150 A	MOTORGENER. MINIMUM POWER	6 kW	PROTECTION DEGREE	IP21
%USE (20°C USE) (*)	60% @ 150A	MAINS FUSE	16 A	DIMENSIONS (LxWxH)	38 x 42 x 17 cm
MAX CURRENT DC EN60974-1	140 @ 7% A	EFFICIENCY	82 %	WEIGHT	5,5 kg

SUPPLIED ACCESSORIES

322800	PLASTIC CARRY CASE
124508	CABLE 16 MMQ 1,8 M - PLUG ATLAS 25
712030	TOLEDO 250 WORK CLAMP 250A
712139	SLAG REMOVER
712260	DALLAS 300 ELECTRODE HOLDER 300A

OPTIONAL ACCESSORIES

BLISTER ELECTRODES	
804569	BASIC ELECTRODES D. 2,5 MM 10 PCS
804570	BASIC ELECTRODES D. 3,2 MM 8 PCS
804571	STAINLESS STEEL ELECTRODES D. 2,5 MM 10 PCS
804564	RUTILE ELECTRODES D. 1,6 MM 15 PCS
802620	RUTILE ELECTRODES D. 4 MM 8 PCS
BOXED ELECTRODES	
802737	RUTILE ELECTRODES D. 2 MM 2,5 KG
802739	RUTILE ELECTRODES D. 2,5 MM 2,5 KG
802749	RUTILE ELECTRODES D. 3,2 MM 4 KG

DESCRIPTION

MMA inverter, electrode welding machine in direct current (DC).

Use with a wide range of electrodes:rutile, basic, stainless steel, cast iron, etc.

Recommended for motorgenerators, this model grants high performance despite power supply instability, thanks to the MPGE multiprotections: control device of the wave form, filter against input peaks, stabilization of oscillations.

Features:

- compact and light
- high welding current stability in spite of mains voltage fluctuations
- arc force, hot start and anti-stick devices
- thermostatic, overvoltage, undervoltage, overcurrent protections.

Complete with MMA welding accessories and plastic carry case.

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



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