



- Direct current (DC) MMA and TIG (LIFT strike) electrode inverter welding machine, 200A, with LCD display. Strong structure and resistant to impact.
- Multi-voltage: use with any variable power supply within a broad range (100÷240V) and operation with highly unstable and fluctuating voltages.
- MV/PFC device: maximum performance also from residential lines with absorptions under 30% compared to welding machines with equal power.
- Advanced arc control devices: arc force, hot start, anti-stick. Usable electrodes: rutile, basic, stainless steel, cast iron, etc. up to 4 mm.
- 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.
- Possible use with extensions up to 250m. With VRD (Voltage Reduction Device).
- Quick connectors (socket) Ø 50 mm. Solid, metal handle. Compact and easy to transport. Contained consumption



thanks to inverter technology.

## TECHNICAL DATA

CODE	<b>816049</b>	MAX NO LOAD VOLTAGE IN DC	<b>81 V</b>	EFFICIENCY	<b>84 %</b>
SINGLEPHASE MAINS VOLTAGE	<b>100-120 / 200-240 V</b>	MAX ABSORBED CURRENT	<b>33(25) / 27(19) A</b>	POWER FACTOR(cosphi) (cosphi)	<b>0,98</b>
MAINS FREQUENCY	<b>50 / 60 Hz</b>	ABSORBED CURRENT AT 60%	<b>24(20) / 16,5(11) A</b>	D.USABLE ELECTRODES IN DC	<b>1,6 - 4 mm</b>
CURRENT RANGE IN DC	<b>10-120(150)/10-200A</b>	MAX ABSORBED POWER	<b>3,1(2,4)/5,2(3,6)kW</b>	PROTECTION DEGREE	<b>IP23</b>
MAX CURRENT DC EN60974-1	<b>120@30%(150@30%)/200@30%A</b>	ABSORBED POWER AT 60%	<b>2,3(1,9)/3,2(2,1)kW</b>	DIMENSIONS (LxWxH)	<b>45 x 18,2 x 29,2 cm</b>
CURRENT 35% DC	<b>110(140) / 160 A</b>	MOTORGENER. MINIMUM POWER	<b>5 / 8 kW</b>	WEIGHT	<b>7,4 kg</b>
DC CURRENT AT 60%	<b>95(125)/125(135)A</b>	MAINS FUSE	<b>15 (20) / 16 A</b>		

## OPTIONAL ACCESSORIES

<b>OTHER ACCESSORIES</b>		802739	RUTILE ELECTRODES D. 2,5 MM 2,5 KG
803400	PLASTIC CARRY CASE - HEAVY DUTY	802749	RUTILE ELECTRODES D. 3,2 MM 4 KG
<b>TIG WELDING KITS</b>		802748	BASIC ELECTRODES D. 2,5 MM 2,5 KG
802491	TIG WELDING KIT - ST26V	802947	BASIC ELECTRODES D. 3,2 MM 4 KG
<b>BLISTER ELECTRODES</b>		<b>BLISTER ACCESSORIES</b>	
804571	STAINLESS STEEL ELECTRODES D. 2,5 MM 10 PCS	802543	METAL CHIPPING HAMMER BL
804572	STAINLESS STEEL ELECTRODES D. 3,2 MM 8 PCS	<b>ACCESSORIES/VARIOUS/SPARE PART</b>	
<b>BOXED ELECTRODES</b>		801081	MMA WELDING KIT 300A 25 MMQ 4+3M AX50
802737	RUTILE ELECTRODES D. 2 MM 2,5 KG		

## DESCRIPTION

MMA and TIG (LIFT striking) inverter welding machine in direct current (DC).

Use with a wide range of materials such as steel, stainless steel, titanium, copper, nickel and their alloys.

Multivoltage: use with a large range (100÷240V) of variable power supply, operations even when power supplies are fluctuating and unstable.

MV/PFC device: guarantees maximum performance even from domestic lines with 30% drop in absorptions compared to other welding machines of equal power.

VRD device: reduces the output voltage to a safe level when the welding machine is on but not under welding conditions, guaranteeing the safety of the operator who can come into contact with the electrode without risk until welding resumes. (for use in damp environment such as mines or shipyards, etc.).

Features:

- robust and impact resistant;
- compact and light;
- Ø 50mm quick connector;
- LCD display for visualisation of welding current;
- MMA regulations: arc force and hot start;
- MMA electrodes: rutile, basic, stainless steel and cast iron;
- use of extension cables up to 250m;
- Thermostatic, overcurrent, overvoltage, undervoltage, motorgenerator (+/-15%) protections.

## DOWNLOAD

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



CERTIFICATE

## USEFUL LINKS

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VIDEO