

ADVANCE 227 XT MV/PFC VRD



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

OPTIONAL ACCESSORIES

OTHER ACCESSORIES

803400 PLASTIC CARRY CASE - HEAVY DUTY

TIG WELDING KITS

802491 TIG WELDING KIT - ST26V

BLISTER ELECTRODES

804571 STAINLESS STEEL ELECTRODES D. 2,5 MM 10 PCS

804572 STAINLESS STEEL ELECTRODES D. 3,2 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

802748 BASIC ELECTRODES D. 2,5 MM 2,5 KG

802947 BASIC ELECTRODES D. 3,2 MM 4 KG

BLISTER ACCESSORIES

802543 METAL CHIPPING HAMMER BL

ACCESSORIES/VARIOUS/SPARE PART

801081 MMA WELDING KIT 300A 25 MMQ 4+3M AX50

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.

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST



CERTIFICATE

USEFUL LINKS



VIDEO