



## TECHNICAL DATA

|                           |                     |                           |               |                               |                          |
|---------------------------|---------------------|---------------------------|---------------|-------------------------------|--------------------------|
| CODE                      | <b>816239</b>       | DC CURRENT AT 60%         | <b>100 A</b>  | EFFICIENCY                    | <b>86 %</b>              |
| SINGLEPHASE MAINS VOLTAGE | <b>230 V</b>        | MAX NO LOAD VOLTAGE IN DC | <b>82 V</b>   | POWER FACTOR(cosphi) (cosphi) | <b>0,7</b>               |
| MAINS FREQUENCY           | <b>50 / 60 Hz</b>   | MAX ABSORBED CURRENT      | <b>28 A</b>   | D.USABLE ELECTRODES IN DC     | <b>1,6 - 4 mm</b>        |
| CURRENT RANGE IN DC       | <b>10 - 150 A</b>   | ABSORBED CURRENT AT 60%   | <b>17 A</b>   | INSULATION CLASS              | <b>F</b>                 |
| %USE (20°C USE) (*)       | <b>90% @ 150A</b>   | MAX ABSORBED POWER        | <b>4,2 kW</b> | PROTECTION DEGREE             | <b>IP23</b>              |
| MAX CURRENT DC EN60974-1  | <b>140 @ 25 % A</b> | ABSORBED POWER AT 60%     | <b>2,8 kW</b> | DIMENSIONS (LxWxH)            | <b>31 x 14 x 24,5 cm</b> |
| CURRENT 35% DC            | <b>125 A</b>        | MOTORGNER. MINIMUM POWER  | <b>6 kW</b>   | WEIGHT                        | <b>4 kg</b>              |

## OPTIONAL ACCESSORIES

### TIG WELDING KITS

|        |                        |
|--------|------------------------|
| 801097 | TIG WELDING KIT - ST9V |
|--------|------------------------|

### 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 |
| 804572 | STAINLESS STEEL ELECTRODES D. 3,2 MM 8 PCS  |
| 804564 | RUTILE ELECTRODES D. 1,6 MM 15 PCS          |
| 804565 | RUTILE ELECTRODES D. 2,0 MM 15 PCS          |
| 804566 | RUTILE ELECTRODES D. 2,5 MM 15 PCS          |
| 804567 | RUTILE ELECTRODES D. 3,2 MM 10 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   |

### ACCESSORIES/VARIOUS/SPARE PART

|        |                                       |
|--------|---------------------------------------|
| 801096 | MMA WELDING KIT 200A 16 MMQ 3+2M AX25 |
|--------|---------------------------------------|

## DESCRIPTION

Inverter MMA electrode and TIG welding machine in direct current (DC) with scratch striking.

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

Features:

- Robust, elevated structure against dust, water and dirt;
- Compact and light;
- Display showing the set welding current;
- High welding current stability in spite of mains voltage fluctuations;
- Arc force, hot start and anti-stick devices;
- Thermostatic, overvoltage, undervoltage, overcurrent, motorgenerator (+/- 15%) protections.

**DOWNLOAD**

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CATALOG IMAGE



INSTRUCTION MANUAL



SPARE PARTS LIST