



## HELVI SPARC 186

Reference: 99806002

### HELVI SPARC186 Welding machine

HELVI SPARC186 is an easy to use single-phase inverter welding machine with excellent welding characteristics with all types of commercial electrodes (rutile, basic, stainless steel). HELVI SPARC186 is equipped with overvoltage, overtemperature and electrode bonding control. HELVI SPARC186 is compact and lightweight, ideal for domestic maintenance work.

HELVI SPARC186 is a single-phase welding machine with 230 V power supply and 50/60 Hz frequency. The HELVI SPARC186 welder has a nominal power rating of 60% of 2500 W for a maximum current of 160 A.

The HELVI SPARC186 welding machine is designed for MMA type welding with electrodes ranging from 1,6 mm to 4 mm in diameter.

The no-load voltage of the HELVI SPARC186 welding machine is 70 V and has a current regulation from 10 A up to 160 A.

The HELVI SPARC186 welding machine has H insulation and IP22S protection.

HELVI SPARC186 is very compact and extremely light thanks to its weight of about 4 Kg. Thanks to the comfortable handle it is also easy to transport.

HELVI SPARC186 is available both in generator only version and in cardboard box version.

HELVI SPARC186 is in a carton box version which includes:

- 16 mm<sup>2</sup> neoprene ground cable for a length of 2 metres;
- 16 mm<sup>2</sup> neoprene welding cable for a length of 3 metres;
- Welding mask with 75x98 mm glass;
- Glasses kit;
- Rutile electrodes with diameter Ø 2 mm (10 pieces);
- Rutile electrodes with diameter Ø 2,5 mm (10 pieces);
- Hammer/brush.

#### Technical characteristics of the HELVI SPARC186 welding machine:

Phase type: Single-phase

Frequency: 50/60 Hz

Voltage: 230 V

Power: 2500 W

Type of welding: MMA

No-load voltage: 70 V

Current regulation: 10 - 160 A

Duty cycle at 40°: 160 A at 25% - 100 A at 60% - 80 A at 100%.

Maximum current: 160 A

Electrode diameter: 1.6 - 4 mm

Electrode type: 6013 - 7018

Insulation: H

Degree of protection: IP22S

Length: 285 mm

Width: 120 mm

Height: 255 mm  
Weight: 4.2 Kg

If instead you are looking for another product similar to the HELVI SPARC186 welding inverter, then we recommend you look at the entire range dedicated to welding machines.

Images and technical data are not binding.

## Technical Sheet

Phase	Single phase
Frequency (Hz)	50 / 60
Voltage (V)	230
Protection degree	IP22S
Power (W)	2500
Motor insulation class	H
No-load voltage (V)	70
Regulation current (A)	10 - 160
Welding current (A)	160 at 25% - 100 at 60% - 80 at 100%
Diameter electrodes (mm)	1.6 - 4
Type of welding	MMA
Current max (A)	160
Length (mm)	285
Width (mm)	120
Height (mm)	255
Product type	Welding machine
Weight (Kg)	4.2