



# HELVI SPARC 146

**Product price:**

**172,13 € tax excluded**

## **Product description:**

### **HELVI SPARC146 Welding machine**

HELVI SPARC146 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 SPARC146 is equipped with overvoltage, overtemperature and electrode bonding control. HELVI SPARC146 is compact and lightweight, ideal for domestic maintenance work.

HELVI SPARC146 is a single-phase welding machine with 230 V power supply and 50/60 Hz frequency. The HELVI SPARC146 welder has a nominal power rating of 60% of 2500 W for a maximum current of 120 A.

The HELVI SPARC146 welding machine is designed for MMA type welding with electrodes ranging from 1,6 mm to 3,2 mm in diameter.

The no-load voltage of the HELVI SPARC146 welding machine is 70 V and has a current regulation from 10 A up to 120 A.

The HELVI SPARC146 welding machine has H insulation and IP22S protection.

HELVI SPARC146 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 SPARC146 is in a carton box version which includes:

- 10 mm<sup>2</sup> neoprene ground cable for a length of 1,6 metres;
- 10 mm<sup>2</sup> neoprene welding cable for a length of 2,4 metres;
- Welding mask with 75x98 mm glass;
- Glasses kit;
- Rutile electrodes with diameter Ø 2 mm (20 pieces);
- Hammer/brush.

## **Technical characteristics of the HELVI SPARC146 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 - 120 A  
Duty cycle at 40°: 120 A at 25% - 80 A at 50% - 60 A at 100%  
Maximum current: 120 A  
Electrode diameter: 1.6 - 3.2 mm  
Electrode type: 6013 - 7018  
Insulation: H  
Degree of protection: IP22S  
Length: 285 mm  
Width: 120 mm  
Height: 255 mm  
Weight: 4 Kg

If instead you are looking for another product similar to the HELVI SPARC146 welding inverter, then we recommend you look at the entire range dedicated to welding machines.

Images and technical data are not binding.

**Product features:**

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 - 120  
Welding current (A): 120 at 25% - 80 at 50% - 60 at 100%  
Diameter electrodes (mm): 1.6 - 3.2  
Type of welding: MMA  
Current max (A): 120  
Length (mm): 285  
Width (mm): 120  
Height (mm): 255  
Product type: Welding machine  
Weight (Kg): 4