



HELVI SPARC 146

Reference: 99806001

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 mm² neoprene ground cable for a length of 1,6 metres;
- 10 mm² 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.

Technical Sheet

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|--------------------------|-------------------------------------|
| 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 |