

Digital Inverter Technology - Current Range: 30-160 A

## Expressweld Inverter I6I-Ultra



### FEATURES and ADVANTAGES

Digital inverter technology.

Ideal for maintenance-repair and steel installation workshops and small-size welded construction applications.

Excellent arc characteristics and outstanding performance for rutil and basic electrode types.

Ideal for welding of carbon and low-alloy steels, even stainless steels.

220V-1Ph input voltage and maximum output current of 160 amp provide a continuous welding operation with electrodes in diameters of 2.5 and 3.2 mm.

Suitable for operation on site or within a workshop environment by providing maximum flexibility.

Weighing only 7.3 kg.

Fan cooling.

Thermostatic overload protection and indicator light.

Easy-to-use and user-friendly control panel.

Recessed controls and connections designed to help protect controls from damage.

Two quarter-turn (positive and negative) output terminals for easy cable connection.

IP21S protection class.

Meet EN60974-1 and CE standards for safety and reliability.

Two years warranty on parts and labor.

#### Welding Procedure



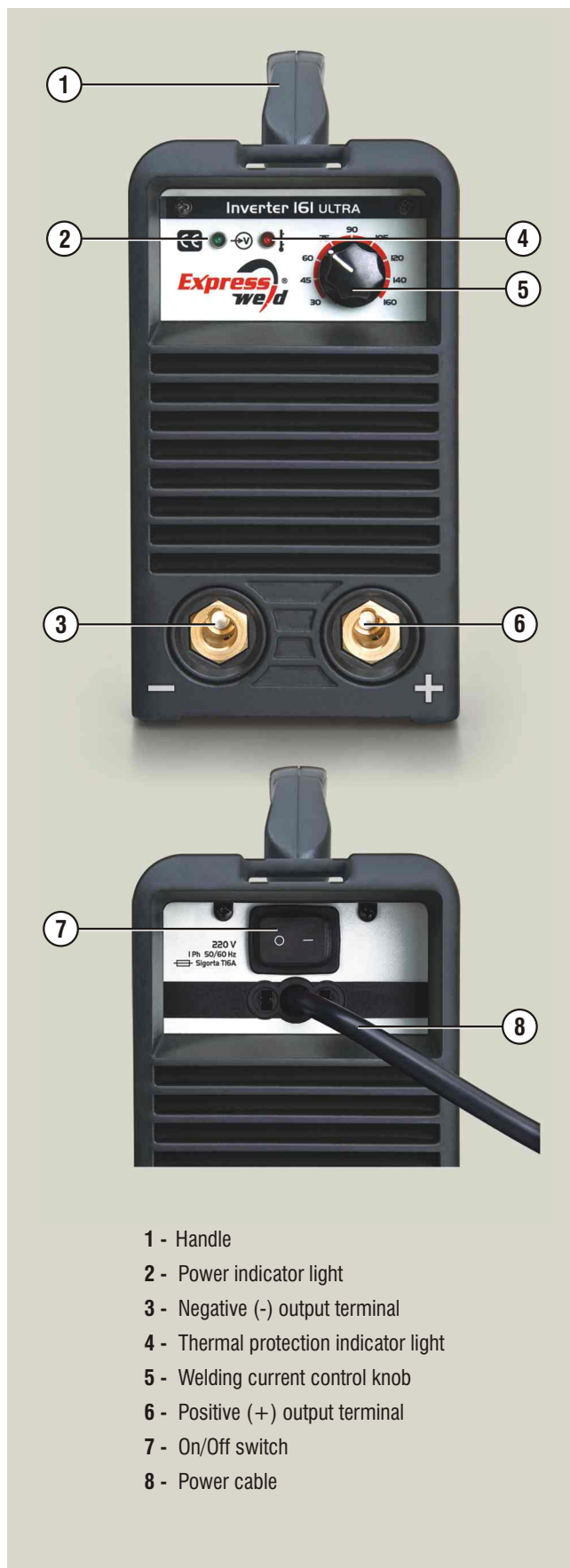
Manual Metal Arc Welding

#### Warranty and Properties



2 Years Warranty

Digital Inverter Technology - Current Range: 30-160 A



- 1 - Handle
- 2 - Power indicator light
- 3 - Negative (-) output terminal
- 4 - Thermal protection indicator light
- 5 - Welding current control knob
- 6 - Positive (+) output terminal
- 7 - On/Off switch
- 8 - Power cable

## TECHNICAL PROPERTIES

### EXPRESSWELD

### Inverter 161-Ultra

Input voltage	220 V ; 1~Ph ; 50/60 Hz
Power input @ rated output	5.2 kW (% 25)
Input current (max.)	32.0 A (% 25) 20.0 A (% 60)
Power factor (cos φ)	0.72 (% 25)
Rated output current, voltage and duty cycle	155 A ; 26.2 V (% 25) 100 A ; 24.0 V (% 60) 80 A ; 23.2 V (% 100)
Open circuit voltage	60 V (DC)
Current range	30 - 160 A
Fuse size and type	16 A (retarded)
Protection class	IP21S
Cooling system	Fan cooling
Weight (without cables)	7.3 kg
Dimensions (W x H x D)	135 x 260 x 365 mm
Compliance	EN 60974-1 ; CE

**Liability:** All information in this catalog is based on the best available knowledge, is subject to change without notice and can only be considered as suitable for general guidance.

**Fumes:** Consult information on Welding Safety Sheet, available upon request.