

Rogue ES 151iP, 181iP Rogue ES 181iP PRO, 201iP PRO

Portable solutions for professional welding



Rogue ES 201iP PRO

Industry

- Repair and Maintenance
- Civil Construction
- Agricultural Equipment
- Industrial and General Fabrication

The Rogue ES is a robust and durable power source for the professional welder. The machine provides state-of-the-art welding performance and reliability through use of the latest high performance power electronics and Digital control; ensuring a precise consistent arc.

The Rogue ES provide a smooth DC (Direct Current) welding power which allows you to weld a variety of metals, such as alloyed and non alloyed steel, stainless steel, and cast iron. Featuring adjust Arc Force and Hot Start settings for more control over your arc. Digital micro-processor offer more control over all arc parameters and provides best-in-class welding performance. The Rogue ES 181iP/ 181iP PRO/ 201iP PRO can be used with electrodes up to 4.0 mm and Rogue ES 151iP can tackle up to 3.2 mm electrodes.

New Pulse MMA functionality enhances the performance and improves the heat input control, to minimize thin gauge materials distortion, facilitate out-of-position welding with no undercuts and reducing spatter, thus helping to effectively avoid a number of welding defects.

Rogue ES can TIG weld mild-steel or stainless steel via "LIVE TIG" functionality for even more versatility.

- Dual voltage input power – flexibility to use on 120 V or 230 V outlets (PRO version only)
- Pulse MMA functionality – improves heat input control, minimizes distortion of thin materials and helps reduce spatter for higher quality welds
- Superior Arc characteristics – smooth and stable performance
- Generator Compliant – suitable for use with generators (7 kW recommended)
- Easy to Use – adjust a wide range of arc parameters for more control over your weld
- Superior Portability – lightweight welder with carrying handle for easier transport on the jobsite, garage or in the shop.
- Robust Design – IP23S designed for fabrication shop or site application
- PFC ensures a stable arc, resistant to power fluctuations even while working on long extension cables up to 100 m (PRO version only)
- Optional analogue remote control

Visit esab.com for more information.



Control panel

Rogue ES 151iP, 181iP, 181iP PRO, 201iP PRO

Specifications				
Model	ES 151iP	ES 181iP	ES 181iP PRO	ES 201iP PRO
Primary Voltage 1 ph	230 VAC +/- 15%, 50/60 Hz	230 VAC +/- 15%, 50/60 Hz	120 – 230 VAC +/- 15%, 50/60 Hz	120 – 230 VAC +/- 15%, 50/60 Hz
Maximum Output	150 A	180 A	180 A	200 A
Rated kVA	6,9 kVA	8,7 kVA	6,0 kVA	6,9 kVA
Energy Save Mode	30 W	30 W	50 W	50 W
Open Circuit Voltage	63 V DC	63 V DC	78 V DC	78 V DC
MMA Welding Output at 20% Duty Cycle at 25% Duty Cycle at 60% Duty Cycle at 100% Duty Cycle	(230 V) - 150 A / 26.0 V 97 A / 23.9 V 75 A / 23.0 V	(230 V) 170 A / 26.8 V - 97 A / 23.9 V 75 A / 23.0 V	(230 V) - 180 A / 27.2 V 116 A / 24.6 V 90 A / 23.6 V	(230 V) - 200 A / 28.0 V 129 A / 25.2 V 100 A / 24.0 V
TIG Welding Output at 25% Duty Cycle at 60% Duty Cycle at 100% Duty Cycle	(230 V) 150 A / 16.0 V 97 A / 13.9 V 75 A / 13.0 V	(230 V) 180 A / 17.2 V 116 A / 14.6 V 90 A / 13.6 V	(230 V) 180 A / 17.2 V 116 A / 14.6 V 90 A / 13.6 V	(230 V) 200 A / 18.0 V 129 A / 15.2 V 100 A / 14.0 V
Current Range *	10 – 150 A (230 V)	10 – 180 A (230 V)	10 – 180 A (230 V)	10 – 200 A (230 V)
Pulse TIG Frequency	0.2 – 500 Hz	0.2 – 500 Hz	0.2 – 500 Hz	0.2 – 500 Hz
Pulse MMA Frequency	0.2 – 100 Hz	0.2 – 100 Hz	0.2 – 100 Hz	0.2 – 100 Hz
Operating Temperature	-10 to +40 °C	-10 to +40 °C	-10 to +40 °C	-10 to +40 °C
Enclosure Class	IP23S	IP23S	IP23S	IP23S
Dimensions	403 x 153 x 264 mm	403 x 153 x 264 mm	403 x 153 x 264 mm	403 x 153 x 264 mm
Weight	6.8 kg	6.8 kg	8.4 kg	8.4 kg

* Current Range 230 V values depending on process.

For 120 V values please see separate instruction manual.

Ordering Information	
Rogue ES 151iP CE	0705002006
Rogue ES 181iP CE	0705002008
Rogue ES 181iP PRO CE	0705002007
Rogue ES 201iP PRO CE	0705002009

Delivery includes power source with 3 m mains cable and plug, shoulder strap, electrode holder, 3 m return cable and clamp.

Options & Accessories	
Shoulder Strap - Rogue	0700500086
Rogue Plastic Case	0700500085
MMA 4 Hand Remote Current Control, 10 m (33 ft) cable, 8-pin	0700500084
Electrode Holder, Handy 200 A with 25 mm ² , 3 m, OKC 50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
SR-B 17V TIG Torch, OKC 50, 4 m	0700025514
SR-B 26V TIG Torch, OKC 50, 4 m	0700025522
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450



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