

# Rogue ES 150i/180i/200i

## Portable solutions for professional welding



Rogue ES 180i PRO

### Industry

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



Control panel

The Rogue 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 provides 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. The Arc Force and Hot Start settings are adjustable and help the user find exactly the right arc for the job. Being digital the Micro-processor precisely controls all functions and provides Best-in Class welding performance across the amperage range of the machine. The Rogue can be used with electrodes up to 4.0 mm Ø.

The Rogue can easily perform TIG -welding using a "Live TIG" start. Equip the power source with the optional TIG-Torch, which has a built-in gas valve and a regulator, and a bottle of gas and you are ready to weld mild steel or stainless steel, with or without filler material.

- Superior Arc characteristics – Smooth, Stable performance
- Generator Compliant – Suitable for use with generators (recommended 7 kW)
- Easy to Use – Set the welding current and weld with excellent result
- Practical Design - makes the power source easy to carry which enables use at almost any work site
- 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 (*PRO version only*)

Visit [esab.com](http://esab.com) for more information.

| <b>Specifications</b>   |   |   |  |   |
|---|---|---|--|---|
| Model   | <b>ES 150i</b>  | <b>ES 180i</b>  | <b>ES 180i PRO *</b>                                   | <b>ES 200i PRO *</b>                                    |
| Primary Voltage 1ph   | 230 VAC ± 15%,<br>1ph, 50/60 Hz                       | 230 VAC ± 15%,<br>1ph, 50/60 Hz                       | 115/230 VAC ± 15%,<br>1ph, 50/60 Hz                    | 115/230 VAC ± 15%,<br>1ph, 50/60 Hz                     |
| Maximum Output  | 150 A   | 180 A   | 180 A  | 200 A   |
| Rated kVA   | 6.9 kVA   | 8.7 kVA   | 6 kVA  | 6.9 kVA   |
| Energy Save Mode  | 50 W  | 50 W  | 50 W   | 50 W  |
| Open Circuit Voltage  | 63 V DC   | 63 V DC   | 78 V DC  | 78 V DC   |
| MMA Welding Output<br>at 20% Duty Cycle<br>at 25% Duty Cycle<br>at 60% Duty Cycle<br>at 100% Duty Cycle | -<br>150 A / 26.0 V<br>97 A / 23.9 V<br>75 A / 23.0 V | 170 A / 26.8 V<br>-<br>97 A / 23.9 V<br>75 A / 23.0 V | -<br>180 A / 27.2 V<br>116 A / 24.6 V<br>90 A / 23.6 V | -<br>200 A / 28.0 V<br>129 A / 25.2 V<br>100 A / 24.0 V |
| TIG Welding Output<br>at 25% Duty Cycle<br>at 60% Duty Cycle<br>at 100% Duty Cycle                      | 150 A / 16.0 V<br>97 A / 13.9 V<br>75 A / 13.0 V      | 180 A / 17.2 V<br>116 A / 14.6 V<br>90 A / 13.6 V     | 180 A / 17.2 V<br>116 A / 14.6 V<br>90 A / 13.6 V      | 200 A / 18.0 V<br>129 A / 15.2 V<br>100 A / 14.0 V      |
| Current Range   | 10 – 150 A  | 10 – 180 A  | 10 – 180 A   | 10 – 200 A  |
| Operating Temperature   | -10 to +40 °C   | -10 to +40 °C   | -10 to +40 °C  | -10 to +40 °C   |
| Enclosure Class   | IP23S   | IP23S   | IP23S  | IP23S   |
| Certification Mark  | CE  | CE  | CE   | CE  |
| 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  |

\* For 115V values please see separate instruction manual.

| <b>Ordering Information</b> |            |
|-----------------------------|------------|
| Rogue ES 150i CE            | 0700500076 |
| Rogue ES 180i CE            | 0700500077 |
| Rogue ES 180i PRO CE        | 0700500078 |
| Rogue ES 200i PRO CE        | 0700500079 |

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

| <b>Options &amp; Accessories</b>                                   |            |
|--|------------|
| Shoulder strap   | 0700500086 |
| Rogue Plastic Case   | 0700500085 |
| MMA 4 Analogue Remote Control incl. 10 m cable                     | 0700500084 |
| Electrode Holder, Handy 200 A with 25 mm <sup>2</sup> , 3 m, OKC50 | 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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