

RENEGADE ET 180iP / 210iP / 210iP W



A professional, single-phase, high-frequency start TIG and MMA welding machine.

- **TIG Pulse up to 999 Hz**
Increase control of heat input and weld pool
- **Robust Housing**
Optional modular water-cooler
- **4.3" TFT Colour Screen**
For clear control information

Ordering Information

Description	Part Number
Renegade ET 180iP	0447700910
Renegade ET 210iP	0447700911
Renegade ET 210iP W (water cooled)	0447700912
Delivery includes: Air cooled models: power source, work lead 3 m, SR-B 26 torch 4 m, gas hose 4 m, shoulder strap. Water cooled models: power source, work lead 3 m, SR-B 20 torch 4 m, gas hose 4 m, shoulder strap.	

Specification

Model	Renegade ET 180iP		Renegade ET 200iP	
Mains Voltage	115/230 VAC ± 15%, 1ph, 50/60 Hz		115/230 VAC ± 15%, 1ph, 50/60 Hz	
Fuse Slow	16 A		16 A	
Rated KVA	3.3 KVA (115 VAC)		3.3 KVA (115 VAC)	
	6 KVA (230 VAC)		6 KVA (230 VAC)	
Energy save mode	<30 W		<30 W	
Welding Output MMA	115 VAC: 110A / 24.4V at 25% 71A / 22.8V at 60% 55A / 22.2V at 100%	230 VAC: 180A / 27.2V at 25% 116A / 24.6V at 60% 90A / 23.6V at 100%	115 VAC: 110A / 24.4V at 25% 71A / 22.8V at 60% 55A / 22.2V at 100%	230 VAC: 180A / 27.2V at 25% 116A / 24.6V at 60% 90A / 23.6V at 100%
Welding Output TIG	115 VAC: 140A / 15.6V at 25% 90A / 13.6V at 60% 70A / 12.8V at 100%	230 VAC: 180A / 17.2V at 25% 116A / 14.6V at 60% 90A / 13.6V at 100%	115 VAC: 140A / 15.6V at 25% 90A / 13.6V at 60% 70A / 12.8V at 100%	230 VAC: 210A / 18.4V at 25% 135A / 15.4V at 60% 105A / 14.2V at 100%
Setting Range MMA	115 VAC MMA: 15A / 20.6V – 110A / 24.4V 230 VAC MMA: 15A / 20.6V – 180A / 27.2V		115 VAC MMA: 15A/20.6V – 110A/24.4V 230 VAC MMA: 15A/20.6V – 180A/28.4V	
Setting Range TIG	115 VAC TIG: 10A / 10.4V – 140A / 15.6V 230 VAC TIG: 10A / 10.4V – 180A / 17.2V		115 VAC TIG: 10A/10.4V – 140A/15.6V 230 VAC TIG: 10A/10.4V – 210A/18.4V	
Power Factor Max Current	99%		99%	
Open Circuit VDC High	78 VDC		78 VDC	
Enclosure class	IP23		IP23	
Operating Temperature	-10 to +40 °C (+14 to +104 °F)		-10 to +40 °C (+14 to +104 °F)	
Dimensions	460 x 200 x 320 mm		460 x 200 x 320 mm	
Supply plug	CEE 16 A		CEE 16 A	
Weight	11 kg		11 kg	

Options & Accessories

Description	Part Number
MMA 4 Analogue Remote-Control incl. 10 m cable	0700500084
Electrode Holder, Handy 200 A with 25 mm ² , 3 m, OKC50	0700006900
Return cable kit, OKC 50, 3 m	0700006901
Return cable kit, OKC 50, 5 m	0700006885
TIG Foot Control, 4.5 m (15 ft) cable and 8-pin connector	W4014450
Trolley 2-wheel for Renegade	0460330881
EC 1001 – water cooler	0445045881
Shoulder strap	0445197880
SR-B 26 Torch, Air, OKC 50, 4 m	0700025518
SR-B 26 Torch, Air, OKC 50, 8 m	0700025519
SR-B 20 Torch, Water, OKC 50, 4 m	0700025534
SR-B 20 Torch, Water, OKC 50, 8 m	0700025535