

RENEGADE VOLT ES 200i



This is a new age of mobile welding. MMA Battery powered welding anywhere, anytime.

- **Runs Off Battery Power**
Up to 30 electrodes per charge
- **Runs Off AC Mains Power**
120 V / 230 V input power
- **Powered by Dewalt Flexvolt**
Standard power tool batteries

Ordering Information

Description	Part Number
Renegade VOLT ES 200i (CE) *	0447800881
Renegade VOLT ES 200i (UKCA) *	0447800883

* Delivery includes: Power source, DeWALT FlexVOLT 18V/54V Max 12Ah batteries (4), DeWALT FlexVOLT four-port fast charger, electrode holder, ground clamp, shoulder strap and detachable battery box.

Specification	
Voltage	120/230 VAC $\pm$ 15%, 1ph, 50/60 Hz
Fuse Slow	16 A
Rated kVA	6.0 kVA @ 230 VAC
	2.7 kVA @ 120 VAC
Voltage Range	90 – 270 VAC
Energy Save Mode	<30 W
Welding Output, MMA	110 A / 24.4 V (120 VAC) @ 25 % Duty Cycle
	70 A / 22.8 V (120 VAC) @ 60 % Duty Cycle
	55 A / 22.2 V (120 VAC) @ 100 % Duty Cycle
	200 A / 28.0 V (230 VAC) @ 25 % Duty Cycle
	129 A / 25.2 V (230 VAC) @ 60 % Duty Cycle
	100 A / 24.0 V (230 VAC) @ 100 % Duty Cycle
	130 A / 25.2 V (80 VDC) @ 18 % Duty Cycle
	110 A / 24.4 V (80 VDC) @ 25 % Duty Cycle
	80 A / 23.2 V (80 VDC) @ 60 % Duty Cycle
	60 A / 22.4 V (80 VDC) @ 100 % Duty Cycle
	150 A / 26.0 V (120 VAC Hybrid) @ 25 % Duty Cycle
	90 A / 23.6 V (120 VAC Hybrid) @ 60 % Duty Cycle
	70 A / 22.8 V (120 VAC Hybrid) @ 100 % Duty Cycle
	200 A / 28.0 V (230 VAC Hybrid) @ 25 % Duty Cycle
	129 A / 25.2 V (230 VAC Hybrid) @ 60 % Duty Cycle
	100 A / 24.0 V (230 VAC Hybrid) @ 100 % Duty Cycle
Welding Output, TIG	140 A / 15.6 V (120 VAC) @ 25 % Duty Cycle
	90 A / 13.6 V (120 VAC) @ 60 % Duty Cycle
	70 A / 12.8 V (120 VAC) @ 100 % Duty Cycle
	200 A / 18.0 V (230 VAC) @ 25 % Duty Cycle
	129 A / 15.2 V (230 VAC) @ 60 % Duty Cycle
	100 A / 14.0 V (230 VAC) @ 100 % Duty Cycle
	150 A / 16.0 V (80 VDC) @ 18 % Duty Cycle
	115 A / 14.6 V (80 VDC) @ 25 % Duty Cycle
	90 A / 13.6 V (80 VDC) @ 60 % Duty Cycle
	70 A / 12.8 V (80 VDC) @ 100 % Duty Cycle
	180 A / 17.2 V (120 V Hybrid) @ 25 % Duty Cycle
	130 A / 15.2 V (120 V Hybrid) @ 60 % Duty Cycle
	100 A / 14.0 V (120 V Hybrid) @ 100 % Duty Cycle
	200 A / 18.0 V (230 V Hybrid) @ 25 % Duty Cycle
	129 A / 15.2 V (230 V Hybrid) @ 60 % Duty Cycle
	100 A / 14.0 V (230 V Hybrid) @ 100 % Duty Cycle

Specification	
Setting Range, MMA	10A/20.6V – 110A/24.4V (120 VAC)
	10A/20.6V – 200A/28V (230 VAC)
	10A/20.6V – 130A/25.2V (80 VDC)
	10A/20.6V – 150A/26V (120 VAC Hybrid)
	10A/20.6V – 200A/28V (230 VAC Hybrid)
Setting Range, TIG	10A/10.4V – 140A/15.6V (120 VAC)
	10A/10.4V – 150A/16V (80 VDC)
	10A/10.4V – 180A/17.2V (120 VAC Hybrid)
	10A/10.4V – 200A/18V (230 VAC Hybrid)
	10A/10.4V – 200A/18V (230 VAC Hybrid)
Power Factor at Maximum Current	0.99
Efficiency at Maximum Current	80%
Open Circuit Voltage (OCV)	78 VDC
Operating Temperature	-10 to +40 °C
Protection Class	IP23
Certification Mark (Standards)	CE, UKCA
Supply Plug	CEE 7/7 (type E)
Dimensions L x W x H, without battery box	460 x 200 x 320 mm
Dimensions L x W x H, with battery box	480 x 220 x 485 mm
Weight, power source and battery box	17 kg
Weight, power source, battery box and 4 battery packs *	23 kg

* Weight when using a DeWALT FlexVOLT 18V/54V MAX 12 Ah Battery, weight may vary when using other FlexVOLT battery packs.

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Electrode Consumption - Number of electrodes per charge			
Electrode Size // Type	E6013	E7018	E6010
2.5 x 250 mm (3/32 x 9.8 in.)	33	26	31
2.5 x 350 mm (3/32 x 13.8 in.)	22	17	21
3.2 x 350 mm (1/8 x 13.8 in.)	14	10.5	12
Consumption when using four DeWALT FlexVOLT 18V/54V Max 12 Ah Battery, consumption will vary when using other FlexVOLT battery packs.			

Specification	
DeWALT FlexVOLT 12Ah Batteries*	DCB548-XJ
DeWALT FlexVOLT 9Ah Batteries*	DCB547-XJ
DeWALT FlexVOLT 6Ah Batteries*	DCB546-XJ
DeWALT FlexVOLT 4-Port Charger (CE)*	DCB104-QW
DeWALT FlexVOLT 4-Port Charger (UKCA)*	DCB104-GB
*Can be purchased from any authorized DeWALT retailer.	

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
Shoulder strap	0445197880
SR-B 17V TIG Torch, 4 m	0700025514