

Model HRW-100C

Pulse form selection is made easy by up-front selector and picture pulse guide.



SPECIFICATIONS • Model HRW-100C

Energy storage — dual range	Low range: .5-20 watt-seconds High range: 2-100 watt-seconds
Capacitor bank	1,500 μ F at 60 Hz, no bias and 24°C ambient
Capacitor voltage	Low range: 20-183 V High range: 20-410 V
Maximum peak current output	Short pulse: 4,600 A at 3.6-ms base Mid pulse: 3,700 A at 5.0-ms base Long pulse: 2,900 A at 6.5-ms base
Repetition rates	At 25 watt-seconds, 4/second; 50 watt-seconds, 3/second; 100 watt-seconds, 2/second
Input power requirements	Single phase, 50-60 Hz, 105-125 Vac, 8 A circuit breaker (230 V, 4 A)
Standby power line demand	Less than 1A
Dimensions (H \times W \times D)	9 \times 15.5 \times 14 in (229 \times 394 \times 356 mm)
Weight	74 lb (34 kg) net, 82 lb (37 kg) shipping

Specify HRW-100C-MC for factory set 230 V, 50 or 60 Hz operation.

100 Watt-Second Dual Range

Model HRW-250B

Besides five preset high-range heat schedules, front panel control of two ranges is available. All solid-state design provides silent operation and eliminates relays, assuring long life and low maintenance. All operating controls, including pulse for selector, are conveniently located on front panel.



SPECIFICATIONS • Model HRW-250B

Energy storage — dual range	Low range: .1-50 watt-seconds High range: 5-250 watt-seconds
Capacitor bank	3,750 μ F at 60 Hz, no bias and 24°C ambient
Capacitor voltage	Low range: 20-183 V High range: 20-410 V
Maximum peak current output	Short pulse: 5,800 A at 5.0-ms base Mid pulse: 3,800 A at 9.0-ms base Long pulse: 3,200 A at 12.0-ms base
Repetition rates	At 100 watt-seconds, 2.5/second; 200 watt-seconds, 1.5/second; 250 watt-seconds, 1/second
Input power requirements	Single phase, 50-60 Hz, 105-125 Vac, 12 A circuit breaker (230 V, 6 A)
Standby power line demand	Less than 1 A
Dimensions (H \times W \times D)	14 \times 16 \times 15 in (356 \times 406 \times 381 mm)
Weight	125 lb (57 kg) net, 137 lb (62 kg) shipping

Specify HRW-250B-MC for factory set 230 V, 50 or 60 Hz operation.

250 Watt-Second Dual Range, Pushbutton Heat Selection

Model HRW-750B

Light and more powerful than any comparable power supply now available, the HRW-750B provides a maximum of available weld power with a low energy saving, standby power line demand. Dual low- and high-range heat selections with five preset heats are standard, as is triple pulse output selection.



SPECIFICATIONS • Model HRW-750B

Energy storage — dual range	Low range: .5-100 watt-seconds High range: 25-750 watt-seconds
Capacitor voltage	Low range: 36-163 V High range: 82-447 V
Maximum peak current output	Short pulse: 10,500 A at 9.0-ms base Mid pulse: 9,500 A at 14-ms base Long pulse: 8,500 A at 17-ms base
Capacitor bank	7,500 μ F at 60 Hz, no bias and 24°C ambient
Repetition rates (continuous duty cycle)	At 100 watt-seconds, 3,600/hr; 250 watt-seconds, 1,800/hr; 400 watt-seconds, 1,200/hr; 500 watt-seconds, 900/hr.
Input power requirements	Single phase, 50-60 Hz, 105-125 Vac, 20 A circuit breaker (230 Vac, 12 A breaker)
Standby power line demand	115 V, 1.5 A
Dimensions (H \times W \times D)	16.5 \times 22 \times 16 in (419 \times 559 \times 406 mm)
Weight	208 lb (94 kg) net, 230 lb (104 kg) shipping

Specify HRW-750B-MC for factory set 230 V, 50 or 60 Hz operation.

750 Watt-Second Dual Range, Pushbutton Heat Selection