

INVERTER SPECIFICATION

MODEL S1500 -112, - 124, - 148 ; S1500 -212, - 224, - 248

INPUTS -

DC - 12 VDC, 24 VDC, 48 VDC +/- 20%,

Connections:

Barrier type terminals

OUTPUT

Power: 1500 Watts

Surge Rating: 2000 Watts for 4 sec.

Voltage: (-1XX) 100 / 110 / 120 VAC, 50 / 60 Hz (Dip Switch Controlled) or
(-2XX) 220 / 230 / 240 VAC, 50 / 60 Hz (Dip Switch Controlled)

Current: 12 Amps @ 120 VAC, or 6 Amps @ 220 VAC

Peak Current: 25 Amps

Waveform: Sine Wave Output

Distortion: Less than 3% THD typical

Efficiency: 83 - 87% at 120 VAC, 86 - 90% @ 220 VAC typical

Connections: Two NEMA 5-15 receptacles. Or one GFCI receptacle. Other adaptors available

PROTECTION CIRCUITS

Input: Circuit Breaker.

Short Circuit Protection: Short circuit overload electronically latches output to protect load.

Thermal Protection: Internal temperature sensor prevents heat damage.

Over / Under Voltage Protection: Shuts down if exceeds limit

Reverse Polarity: Fused

FRONT PANEL CONTROLS

ON / OFF Switch

FRONT PANEL INDICATORS

Over/ Under Voltage Protection, Over Temperature, Overload

Battery Voltage display, Load / Watts display

POWER SAVING / RECOVERY TIME:

No Load, current draw less than 1.5 Watts (Selectable "Saving Mode") / 5 seconds

MECHANICAL SPECIFICATIONS

Dimensions: High strength chassis, 4.33"H x 11.02"W x 16.54"D

110 mm H x 280 mm W x 420 mm D

Weight: 15.84 lbs / 7.2 Kgs.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: 0 to +50 °C.

Humidity: Up to 95% non-condensing

CERTIFICATIONS / APPROVALS

UL458, EN60950, EMC FCC Class B

OPTIONS

RM: Rack Mount kit.
IR: RS232 Interface

