

INVERTER SPECIFICATION

MODEL S600 -112, - 124, -148

MODEL S600 -212, - 224, -248

INPUTS -

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

Connections:

Barrier type terminals



OUTPUT

Power: 600 Watts

Surge Rating: 800 Watts for 3 sec.

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

Current: 5 Amps @ 120 VAC, or 2.5 Amps @ 220 VAC

Peak Current: 10 Amps

Waveform: Sine Wave Output

Distortion: Less than 3% THD typical

Efficiency: 83 - 94% 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

No Load Current Draw:

0.7 amps @ 12VDC, 0.35 amps @ 24VDC and 0.18 amps @ 48VDC

MECHANICAL SPECIFICATIONS

Dimensions: High strength chassis, 2.96"H x 7.25"W x 11.62"D
75 mm H x 184 mm W x 295 mm D

Weight: 6.6 lbs / 3.0 Kgs.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature: 0 to +50 °C.

Humidity: Up to 95% non-condensing

CERTIFICATIONS / APPROVALS OPTIONS

UL458, EN60950, EMC FCC Class B

IR: RS232 Interface