

INVERTER SPECIFICATION

MODEL S600 - 112 - 5099

Design and built for the LIRR, to power track interlocks.

INPUTS -

AC - 120Vac, 60Hz +/-3Hz *(1)

DC - 12Vdc, +/- 20% *(2)

Connections:

Terminal Block

OUTPUT

Power:

600 Watts

Surge Rating:

800 Watts for 3 sec.

Voltage:

120 VAC +/- 2%, 60 Hz, 5 Amps *(3)

Peak Current

10 Amps

Waveform

Sine Wave Output

Distortion:

Less than 3% THD typical

Efficiency:

Better than 85% at nominal input

Connections:

Terminal Block



PROTECTION CIRCUITS

Input:

Internal Fuse.

Short Circuit Protection:

Electronic over current and short circuit protection.

Thermal Protection:

Internal temperature sensor prevents heat damage.

Over / Under Voltage Protection

Shuts down if exceeds limit

Reverse Polarity

Fused

FRONT PANEL CONTROLS

Inverter ON / OFF Switch

FRONT PANEL INDICATORS

AC IN, DC IN, and INVERTER STATUS.

ALARM CONTACTS

AC input Status:

Form C, dry contacts. State changes when AC input is lost.

Connections:

Terminal Block

MECHANICAL SPECIFICATIONS

Dimensions:

High strength Rack Mount chassis, 3.5"H 17"W x 14"D

Weight:

15 lbs

Cooling:

Internal Fan, front intake, rear exhaust.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature:

0 to +50 °C.

Humidity:

Up to 95% non-condensing

*Notes:

- (1) AC bypass, AC preferred, when AC input is not present, unit will use the DC input.
- (2) Other DC inputs available, consult factory.
- (3) Other output Voltages and Frequencies are available, consult factory.



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