

BEHLMAN

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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