BEHLMAN

BL1200C-8-RR100 Rail Road Signal Source SPECIFICATIONS

INPUT

Voltage:	115 VAC +/- 10%, Single Phase. Other voltages available, consult factory
Frequency:	57 - 253 Hz

OUTPUT **Isolated and Floating**.

Voltage:	120 VAC, Single Phase, Other voltages available, consult factory, adjustable ±10%, locking knob
Frequency:	100 Hz, +/- 0.25 Hz, Other Frequencies available, consult factory.
Power:	1200 VA
Current:	10 Amps
Current Crest Factor:	3:1
Power Factor:	100% of rated output into any power factor load
Distortion:	2.0% Typical THD
Load Regulation:	±0.7% No Load to Full Load
Line Regulation:	±0.1% for ±10% Line Change
Efficiency:	80% typical

CONTROL CIRCUIT

External Sync:	Synchronize AC output with external input, 120Vac in

PROTECTIVE CIRCUITS / INDICATORS

Input:	Main circuit breaker and **surge arrestors**.
Constant Current Mode:	Overload automatically causes voltage fold-back to provide maximum current without distorting output waveform.
Overload Protection:	Short Circuit overload electronically disables output to protect load. **Automatic reset upon overload removal.**
Thermal Protection:	Internal temperature sensor prevents heat damage.
Output:	**Surge arrestors.**
Meters:	Digital Meters for Volts, Amps & Frequency Accuracy, ± 1 Digit.

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MECHANICAL SPECIFICATIONS

Dimensions:	19" rack mount chassis: 5.25"H max x 22"D.
Air Filtering:	Front panel removable washable filter.
Operating Temperature:	0 to 55^{o} C.
Humidity:	0 – 95 % Non condensing.
Cooling:	Internal fans.
Input connections:	Screw type terminals.
Output connections:	Screw type terminals.
Sync connections:	Screw type terminals

OPTIONS:

A: **Alarms**, Contact closure & Indicator

1. Inv OK - Loss of Inverter output.
2. Sync - Loss of sync input
3. Lock - Out of phase condition between Inverter output and Sync Input
4. Over Temp - Over Temperature

ID: **Input Turn on Delay**

RC: **Ruggedized** and **Conformally** coat PC boards

S: **Slides,** heavy duty, full set for each chassis

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