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**
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.

**ALARMS**
Contact closure & Indicator
1. Inv OK – Output Under & Over voltage .
2. Sync - Loss of sync input
3. Lock - Out of phase condition between Inverter output and Sync Input
4. Over Temp - Over Temperature

Continued on second page…….
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°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:
ID: Input Turn on Delay
RC: Ruggedized and Conformally coat PC boards
S: Slides, heavy duty, full set for each chassis