BL5100C-8-RR100 Rail Road Signal Source SPECIFICATIONS

INPUT
Voltage: 120/230 VAC +/- 10%, Single Phase.
Frequency: 57 - 253 Hz

OUTPUT
Voltage: 120 VAC, Single Phase, Isolated and Floating.
Frequency: 100 Hz, +/- 0.25 Hz
Power: 5 KVA
Current: 37 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: 85% typical

CONTROL CIRCUIT
External Sync: Synchronize AC output with external input.

PROTECTIVE CIRCUITS / INDICATORS
Input: Main circuit breaker and adjustable under and over voltage.
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

MECHANICAL SPECIFICATIONS
Dimensions: High strength rack cabinet with casters 28.3”H x 31.6”D x 22.1”W.
Operating Temperature: 0 to 55°C.
Cooling: Internal fans.
Input connections: Screw type terminals.
Output Connections: Screw type terminals.