

BL5000C-10-100RR/21-00 Rail Road Signal Source SPECIFICATIONS

INPUT

Voltage: 480 VAC +/- 10%, Single Phase.
Frequency: 57 - 63 Hz

OUTPUT

Voltage: 480 VAC, Single Phase,
Isolated and Floating.
Frequency: 100 Hz, +/- .25 Hz
Power: 5 KVA
Current: 10.5Amps
Current Crest Factor: 3:1
Power Factor: 100% of rated output into
any power factor load
Distortion: 2.0% Typical THD
Load Regulation: $\pm 0.7\%$ No Load to Full Load
Line Regulation: $\pm 0.1\%$ for $\pm 10\%$ Line Change
Efficiency: 85% typical



CONTROL CIRCUIT

External Sync: Synchronize AC output with external input.

PROTECTIVE CIRCUITS/INDICATORS

Input: Main circuit breaker with surge arrester and lightning protection.
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 arrester.
Meters: Digital Meters for Volts, Amps & Frequency

MECHANICAL SPECIFICATIONS

Dimensions: High strength 19" rack cabinet with casters and rear door;
30"H x 31.6"D x 22.1"W.
Weight: 400 lbs.
Operating Temperature: 0 to 55° C.
Cooling: Internal fans.
Input connections: AAR terminals on rear.
Output Connections: AAR terminals on rear.
OPTIONS: 940-022-000 Restart Delay Chassis

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