

### BL3200C-1-91.66-RR Rail Road Signal Source SPECIFICATIONS

#### INPUT

Voltage: 120/208 VAC +/- 10%, Three Phase.  
Frequency: 47 - 440 Hz

#### OUTPUT

Voltage: 240VAC, Single Phase  
**Isolated and Floating.**  
Frequency: 91.66Hz, +/- 0.25 Hz  
Power: 3.2 KVA  
Current: 12.5 Amps  
Current Crest Factor: 3:1  
Power Factor: 100% of rated output into any power factor load  
Distortion: 2.0% Typical THD, full resistive load.  
Load Regulation: ±0.7% No Load to Full Load  
Line Regulation: ±0.1% for ±10% Line Change  
Efficiency: 85-90%



#### 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 & transformer isolated.  
Meters: Digital Meters for Volts, Amps & Frequency  
Accuracy, +/- 2% Full Scale / +/- 1 digit.

#### MECHANICAL SPECIFICATIONS

Dimensions: Two 19" rack mount chassis, 7.0"H x 22"D.  
Weight: 150 lbs  
Operating Temperature: 0 to 55° C.  
Cooling: Internal fans.  
Input connections: Screw type terminals.  
Output connections: Screw type terminals.



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