

ACDC-1200-125-TB-5292 Rail Road Signal Source SPECIFICATIONS

INPUT

Voltage: 120 VAC +10 / -20%, Single Phase
125 VDC +/- 20%

Frequency: 47 - 63 Hz



OUTPUT

Voltage: 120 VAC, Single Phase, **Isolated and Floating.**

Frequency: 100 Hz, +/- .1% Hz

Power: 1200 VA

Current: 10Amps

Current Limit: Continuous Current Limit at 110% of rated current.

Current Crest Factor: 3:1

Power Factor: 100% of rated output into any power factor load

Distortion: 4.0% Typical THD into linear load

Load Regulation: $\pm 2\%$ No Load to Full Load

Line Regulation: $\pm 1\%$ for $\pm 10\%$ Line Change

Efficiency: 80% typical

Transient Time: Provides Continuous Output Power when subjected to loss of main input power for 20 cycles at 100Hz.

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: Circuit breaker.

Meters: Analog Meters for Volts, Amps.

MECHANICAL SPECIFICATIONS

Dimensions: 19" rack mount chassis 5.25"H X 19"D.

Weight: 65 lbs.

Operating Temperature: -20 to 55° C.

Cooling: Internal fans.

Input connections: Screw type terminals.

Output Connections: Screw type terminals.



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