

ACDC-1200-125-TB-5292 Railroad Signal Source



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, +/- 0.1% 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

PROTECTIVE CIRCUITS/INDICATORS

Input: Main circuit breaker

Output:

- 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
- Thermal Protection: Internal temperature sensor prevents heat damage

MECHANICAL SPECIFICATIONS

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

Weight: 65 lbs.

Operating Temperature: -20°C to +55°C

Cooling: Internal fans

Input connections: Screw type terminals

Output Connections: Screw type terminals



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