



PS-250

Heavy Duty Cabinet Power Supply

The ideal power source when using high current devices such as video detection cards.

The PS-250 Cabinet Power Supply is a shelf mounted unit which supplies regulated DC power, unregulated AC power, and a line frequency reference. It is intended for powering the Detector Rack, Bus Interface Units, load switches, and other auxiliary cabinet equipment. The PS-250 meets and/or exceeds all requirements of the NEMA TS2-2003 Standard.

All TS-2 Type 1 cabinet assemblies as well as any TS-2 Type 2 cabinet assemblies that utilize Bus Interface Units (BIU) can use the PS-250 Cabinet Power Supply.

Every PS-250 Cabinet Power Supply is put through a vigorous three part Total Quality Assurance (TQA) program and tested under the extreme environmental conditions experienced on the street. It is the commitment to quality and performance that EDI products are known for, providing years of trouble-free operation.

PS-250 OPERATIONAL FEATURES

Basic Functions: The PS-250 provides four outputs rated over the full -30°F to 165°F (-34°C to +74°C) Nema operating temperature range:

- +12 VDC rated at 5 Amps (Standard Nema requirements are 12 VDC at 2 Amps)
- +24 VDC rated at 2 Amps
- 12 VAC rated at 0.25 Amps
- 60 Hz Line Frequency Reference rated at 50 mAmps

Display Indicators: A separate LED indicator is provided to display output status and fuse integrity for the three supply outputs. The Line Frequency Reference LED indicator pulses to show 60 Hz activity.

Input / Output:	Pin	Function
	A	AC Neutral
	B	Line Frequency Reference Output
	C	AC Line Input
	D	+12 VDC Output
	E	+ 24 VDC Output
	F	Reserved
	G	Logic Ground
	H	Earth Ground
	I	12 VAC Output
	J	Reserved

Test Points: Individual test jacks are provided for the +12 VDC output, +24 VDC output, and Logic Ground reference.

Output Protection: The +12 VDC, +24 VDC, and 12 VAC outputs are fused for over-current protection. The Line Frequency Reference output is protected internally against shorts to Logic Ground or 24 Vdc. Each output is protected against voltage transients by a 1500 Watt suppressor.

Dimensions: 8.2 inches High x 4 inches Wide x 8 inches Deep

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