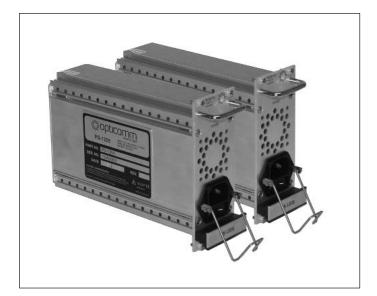## 60 Watt Universal Power Supply

The PS-1205 is a 60 Watt universal power supply built to function within the Opticomm CC-16B 19" 3RU rack-mountable chassis for industrial application. Each chassis is designed to accommodate up to two redundant PS-1205 units.

System Design

All units are swappable and come in an Insert Card form factor. The PS-1205 is convection cooled and does not require fans. This feature enables an increased MTBF value.

The PS-1205's rugged ergonomic design and wide temperature range are geared for industrial application.

The PS-1205 operates at an input operational voltage of 90-264 V_{AC}.

Features

- High MTBF

- 60 Watt

- Convection Cooling

- Low Leakage Current

- Wide Temperature Range

- EMI/EMC and Safety Standards conform to CSA and CE Standards

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Specifications

Input

Input Voltage	90-264 V$_{AC}$ (Operational)
Input Frequency	50/60 Hz
Input Current	2.0 A max
Input Surge Protection	EN61000-3-4

Output

Output Voltage	9 V$_{DC}$ ±10%
Max Load, A @ 25C	6.667 A
Max Load, A @ 70C	4.667 A
Load Regulation, %	±1%
Total DC Output	60 W

Environmental

Operating Temperature	-20°C to +70° C
Storage Temperature	-40° C to +85° C
Cooling	Internal Fan
Humidity	95% RH non-condensing
Operating Altitude	3000 m
Shock & Vibration	Sinusaidal, 5 to 200 Hz at 1.5g peak
EMI & Safety	Applicable CSA and CE standards
MTBF	>400,000 hours @ 30° C, Ground Benign, per MIL-HDBK-217F

General

Dimensions & Weight	7.70" L x 2" W x 5.05" H 20 oz.
Efficiency	80-85%

Regulatory	CE Compliance

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