

### 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 VAC.



### Features

- High MTBF
- 60 Watt
- Convection Cooling
- Low Leakage Current
- Wide Temperature Range
- EMI/EMC and Safety Standards conform to CSA and CE Standards

# Power Supplies & Accessories

## Specifications

### Input

Input Voltage	90-264 VAC (Operational)
Input Frequency	50/60 Hz
Input Current	1.6 A max @230 VAC
Input Surge Protection	EN61000-3-4

### Output

Output Voltage	9 VDC $\pm$ 10%
Max Load, A @ 25C	6.667 A
Max Load, A @ 70C	4.667 A
Load Regulation, %	$\pm$ 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	Sinusoidal, 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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Opticomm reserves the right to change specifications without prior notice.

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