

100 Watt Universal Power Supply

The PS-100 is a 100 Watt universal power supply built to function within the Opticomm CC-16 or CC-16B 19" 3RU rack-mountable chassis. Each chassis is designed to accommodate up to two redundant PS-100 units.

System Design

All units are swappable and come in an Insert Card form factor. The PS-100 is cooled using an internal fan.

The PS-100's rugged ergonomic design and wide temperature range are geared for industrial application.

The PS-100 operates at an input operational voltage of 90-264 VAC.



Features

- High MTBF
- 100 Watt
- 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	11.111 A
Max Load, A @ 70C	7.77 A
Load Regulation, %	\pm 1%
Total DC Output	100 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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10 **ISO**
YEAR **9001:2000**
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CE

FCC PART 15
COMPLIANT

MADE IN THE USA