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 V_{AC}.

Features

- High MTBF

- 100 Watt

- Low Leakage Current

- Wide Temperature Range

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

800-867-8426 • info@opticomm.com • www.opticomm.com • Contact Opticomm for custom requirements.

Opticomm reserves the right to change specifications without notice

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	11.111 A
Max Load, A @ 70C	7.77 A
Load Regulation, %	±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

Opticomm reserves the right to change specifications without prior notice.

Optiva™ Configurable Communication Platform

Network Management

SDI & HD-SDI

Composite Video, Audio & Data

RGB/VGA/DVI

Audio/FSK/Intercom

Data (Ethernet/Serial/USB)

CATV/RF & L-Band

Optical Switching, Routing & Redundancy

Passive Multiplexing Solutions

Enclosures, Racks & Frames

Power Supplies & Accessories

10 YEAR WARRANTY **ISO 9001:2000 CERTIFIED**

CSA® CE

FCC PART 15 COMPLIANT

MADE IN THE USA