

PS-200F-XX

200 Watt Universal Power Supply for use with OT-CC-16F



Optiva® SERIES Professional Media & Fiber Optic Transport



Features

- 200 Watt, 90 - 264 VAC
- Low Leakage Current
- Wide Temperature Range
- EMI/EMC and Safety Standards conform to CSA and CE Standards
- Overload, Over Voltage & Over temperature Protection
- Global Chassis Alarm LED
- Alarm status available through SNMP
- Load sharing - Enables power supply redundancy
- Hot swappable

The PS-200F-XX is a 200 Watt universal power supply built to function within the Emcore OT-CC-16F 19" 3RU rack-mountable chassis. Each chassis is designed to accommodate up to two redundant PS-200-F units. Three models are available. PS-200F-NA includes a North American power cord, PS-200-F-EU includes a European power cord and PS-200-F-UK includes a United Kingdom power cord.

All units are swappable and come in an Insert Card form factor. The PS-200F is cooled using an internal fan. The PS-200F's rugged ergonomic design and wide temperature range are geared for industrial application. The PS-200 operates at an input operational voltage of 90-264 VAC.

Models

Model	Description
PS-200F-NA	200W Power Supply for Optiva Fan Cooled Chassis OT-CC-16F, 90 - 264 VAC at 50 / 60 Hz with North American Power Cord
PS-200F-EU	200W Power Supply for Optiva Fan Cooled Chassis OT-CC-16F, 90 - 264 VAC at 50 / 60 Hz with European Power Cord
PS-200F-UK	200W Power Supply for Optiva Fan Cooled Chassis OT-CC-16F, 90 - 264 VAC at 50 / 60 Hz with United Kingdom Power Cord

Specifications

Specifications	Value
Input Voltage	90-264 VAC (Operational)
Input Frequency	50/60 Hz
Input Current	1.6 A max @120 VAC
Input Current	0.8 A max @230 VAC
Input Surge Protection	EN61000-3-4
Output Voltage	12 VDC ±10%
Max Load, A @ 25C	12 VDC ±10%
Max Load, A @ 70C	11.1 A
Load Regulation, %	±1%
Total DC Output	200 W
Efficiency	80-85%

Mechanical

Specifications	Value
Dimensions	7.70" L x 2"W x 5.05" H
Weight	20 oz

Environmental

Specifications	Value
Operating Temperature	-10°C to +55° 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

Rev. January 11, 2012