

# Optiva PS-200F 200 Watt Universal Power Supply AC/DC

For use with OT-CC-16F Rack-Mount Enclosure

emcore®

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DC Version

AC Version

## Features

- 200 Watt, 90-264 VAC
- 200 Watt, 24-48 VDC
- 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
- Global Chassis Alarm - Form "C" Contact
- Alarm Status Available Through SNMP
- Load Sharing - Enables Power Supply Redundancy

The PS-200F 200 Watt Universal Power Supply built to function within the Optiva OT-CC-16F 19" 3 RU rack-mount enclosure. Each chassis is designed to accommodate up to two redundant PS-200F units. Three AC models are available. PS-200F-NA includes a North American power cord, PS-200F-EU includes a European power cord and PS-200F-UK includes a United Kingdom power cord. A single DC model is also available, PS-200F-DC. All units are hot-swappable, come in an insert card form-factor and operate at either an input voltage of 90-264 VAC or +24 - +48 VDC. The PS-200F is cooled using an internal fan and its rugged ergonomic design and wide temperature range are geared for industrial applications.



## Models

Model	Description
PS-200F-NA	200 W 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	200 W Power Supply for Optiva Fan Cooled Chassis OT-CC-16F, 90 - 264 VAC at 50 / 60 Hz with European Power Cord
PS-200F-UK	200 W Power Supply for Optiva Fan Cooled Chassis OT-CC-16F, 90 - 264 VAC at 50 / 60 Hz with United Kingdom Power Cord
PS-200F-DC	200 W Power Supply for Optiva Fan Cooled Chassis, OT-CC-16F, 24-48 VDC

## Specifications

Specifications	Value
Input Voltage	90-264 VAC, +24 - +48 VDC (Operational)
Input Frequency	50/60 Hz
Input Current	1.6 A max @120 VAC
Input Current	0.8 A max @230 VAC
Input Current	9 A max @ +24 VDC
Input Current	4.5 A max @ +48 VDC
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%

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## Mechanical

Specifications	Value
Dimensions	7.70" L x 2" W x 5.05" H 196 mm L x 50.8 mm W x 128 mm H
Weight	20 oz / 566.99 g

## Summary Alarm\*

No.	Condition
1	Normally Open (NO)
2	Common
3	Normally Closed (NC)

\* De-energized State - No Alarm

## 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 1.5 g peak
EMI & Safety	Applicable CSA and CE standards
MTBF	>400,000 hours @ 30°C, Ground Benign, per MIL-HDBK-217F

FCC PART 15  
COMPLIANT



CE MADE IN  
USA