

Overview

The PS1 Internal Rack Power Supply is designed to provide power to a DFR Card Cage Rack. The unit provides a single 12 VDC output, and the power supply accepts an AC input voltage from 100 to 240 VAC, 60/50 Hz. Serving as redundant supply for load sharing, the PS1 features power fail alarms if a redundant supply is installed. In addition, a network management system for rack communications provides status monitoring, operational management, access control and more. A second power supply can be installed in the DFR Rack to provide redundancy.

Standard Features

- 110 to 240 VAC, 60/50 Hz input
- 12 VDC output
- Supplied with Card Cage Rack
- PS1 can be provided as redundant supply for load sharing
- Power fail alarms if redundant supply installed
- Front panel indicator and MUTE switch
- AC power cord supplied
- Network management system for rack communications
 - o Status monitoring and operational management
 - o Operational level determination and access control
 - o Network ready for health and connection monitoring

PS1 Internal Rack Power Supply



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888-437-3287
F 503-691-7566

Asia
T 852-2907-8108
F 852-2142-5063

Australia and New Zealand
T 613-9239-1200
F 613-9239-1299

Europe
T 32-2-719-98-47
F 32-2-719-98-46

Latin America
T 305-593-4301
F 305-593-4300

Specifications subject to
change without notice.

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Ordering Information

DFR-PS1	Internal Rack Power Supply
DFR-PS2	

Specifications

Electrical	
Power Supply Input	100 ~240 VAC, 50/60Hz
Input Current	1.66A@115VAC; 0.80A@230VAC
Supply Input Connector	IEC C14 Chassis-mount socket
DC Voltage Output	12 VDC
Current Output	12.5A DC (max.)
Power Consumption	190VA@115VAC
Power Output	150W (max.)
Fuse Rating	4A, 250V, Slow-blow
Fuse Size	5x20mm, located in pull out tray on back panel

Connectors	
Power Input	Recessed IEC 320 3-pin male (Cable supplied)

Connectors	
Height	158.4 mm
Width	75 mm
Depth	204.5 mm
Weight	1.57 mm
Construction	Aluminum
Finish	Black semi-gloss paint
Mounting	Four Captive screw

Environmental	
Operating Temperature	-20°~ +60°
Operating Relative Humidity	20 to 90% non-condensing
Storage Temperature	-40°~ +85°
Storage Relative Humidity	10 to 95% non-condensing

MTBF	
MTBF	100 Khrs min.

Application Diagrams

