

DPoE™ Power System

specifications

The power system shall occupy 1 RU of space. The power system shall accommodate a modular rectifier capable of supplying from 1,250W to 3,750W. The rectifier module shall support 48 VDC output voltage. The power supply chassis shall accommodate up to three interchangeable rectifier modules. The rectifiers shall be hot pluggable and shall load share to meet versatile power needs. The chassis and panel combination shall operate at 93% efficiency.



technical information—chassis

Dimensions:	1.7"H x 19.0"W x 16.3"D (43.1mm x 482.6mm x 413.9mm), 1 RU
Input voltage:	90 – 240 VAC Input Frequency: 47 – 63 Hz
Weight:	Chassis – 9 lbs. (4.1kg.), Rectifier – 6 lbs. (2.7kg.)
Mounting:	Mounts to standard EIA 19" rack
Packaging:	Includes mounting screws and installation instructions

technical information—rectifier

Dimensions:	1.63"H x 4.0"W x 14.25"D (41.3mm x 101.7mm x 361.9mm)
Mounting:	Mounts in managed or unmanaged chassis

key features and benefits

Low profile design	Offers high power and efficiency in a 1 RU size
48 VDC power	Scaleable from 1,250W to 3,750W to provide consistent powering across a wide range of needs
Increased reliability	93% efficiency and > 1,000,000 MTBF with NEBS Level 3 compliance contributes to trouble-free network powering
Low heat dissipation	Emits 35% less heat than other power supplies meaning less worries for cooling in tight telecommunications rooms
Network interface options	SNMP monitoring is available for better telemetry and deeper control of power system parameters with the managed chassis or by adding the NIC option to the unmanaged chassis
Fourteen replaceable fuses	Provides protection for up to fourteen individual DPoE™ Power Patch Panels to be connected to a single chassis

applications

The DPoE™ Power System is a powerful, efficient, compact solution for powering the DPoE™ Power Patch Panels. Because it is also highly reliable, this power system is an attractive solution for enterprise data center, embedded applications or telecommunications needs.

When used in VoIP applications, the DPoE™ Power System can be used in conjunction with battery back-up management capabilities to provide guaranteed up-time service for mission critical services. Hot swappable power supplies allow rectifiers to be managed without taking down running applications over the network. A country specific power cord is required for each rectifier installed in the chassis. Fuses must be ordered separately.

DPoE™ Power System

1 RU unmanaged chassis:	DPOEPWRCU
1250W power rectifier:	DPOEPWRR1250
7.5A replacement fuses (8)	DPOEPWRF7.5

DPoE™ Power Patch Panel

24-port 1 GbE panel:	DPOE24U1XG
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DPoE™ Compact 8 Midspan

8-port power midspan:	DPOE8S2XG
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DPoE™ Compact 8 Midspan Accessories

Wall mount bracket for DPOE8S2XG:	DPOEWM8B
1 RU shelf for DPOE8S2XG:	DPOESHELF
Modular 8-port passive module*:	DPOEPL8BU

Compatible with all Mini-Com® Jacks.
Visit www.panduit.com for the complete selection.

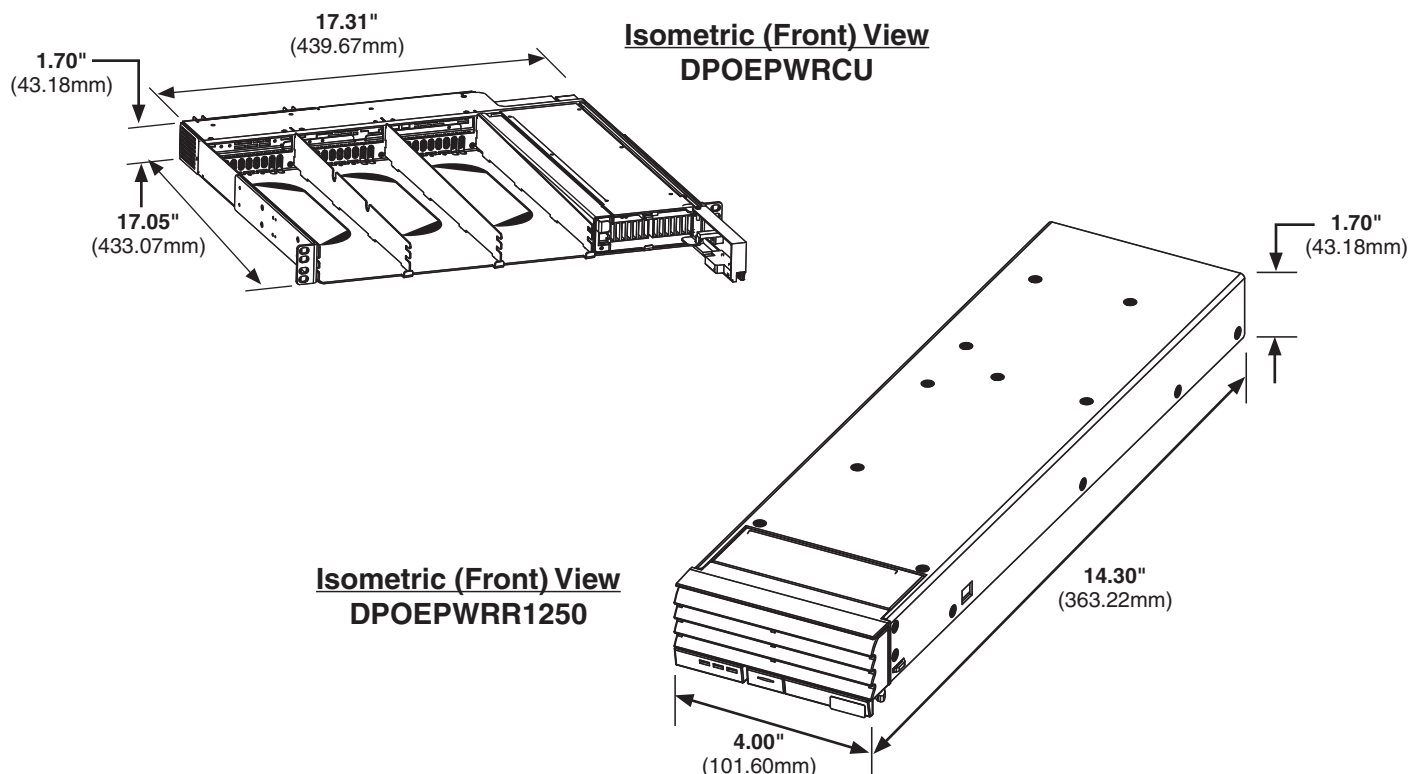
DPoE™ 120W Power Supply

120W supply:	DPOEPWRB120Y
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Power Cords

U.S.A.:	CORD-S15
Japan:	CORD-J15
Australia:	CORD-A
Europe:	CORD-E
United Kingdom:	CORD-U

DPoE™ Power System



DPoE™ Power System Test Data

Environmental Testing	
<i>Operating Temperature (ambient)</i>	-40° to 122°F (-40° to 50°C)
<i>Operating Humidity</i>	5% to 95%, non-condensing
<i>Storage Temperature</i>	-40° to 185°F (-40° to 85°C)
<i>Storage Humidity</i>	5% to 95%, non-condensing
<i>Operating Altitude</i>	-200' to 8,000' (-61.0m to 2,438m)
Regulatory Compliance	
<i>Designed to meet all international requirements</i>	CE, FCC
Electromagnetic Compatibility	
<i>Designed to meet all international requirements</i>	EN55022, EN55024
Safety Approvals	
<i>Designed to meet all international requirements</i>	GR-1089 CORE

Dimensions are in inches. [Dimensions in brackets are metric].

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