

### 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

<b>Dimensions:</b>	1.7"H x 19.0"W x 16.3"D (43.1mm x 482.6mm x 413.9mm), 1 RU
<b>Input voltage:</b>	90 – 180 VAC Input Frequency: 47 – 63 Hz
<b>Weight:</b>	Chassis – 9 lbs. (4.1kg.), Rectifier – 6 lbs. (2.7kg.)
<b>Mounting:</b>	Mounts to standard EIA 19" rack
<b>Packaging:</b>	Includes mounting screws and installation instructions

### technical information – rectifier

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

### key features and benefits

<b>Low profile design</b>	Offers high power and efficiency in a 1 RU size
<b>48 VDC power</b>	Scaleable from 1,250W to 3,750W to provide consistent powering across a wide range of needs
<b>Increased reliability</b>	93% efficiency and > 1,000,000 MTBF with NEBS Level 3 compliance contributes to trouble-free network powering
<b>Low heat dissipation</b>	Emits 35% less heat than other power supplies meaning less worries for cooling in tight telecommunications rooms
<b>Network interface options</b>	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
<b>Fourteen replaceable fuses</b>	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

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

#### DPoE™ Power Patch Panel

<b>24-port 1 GbE panel:</b>	DPOE24U1XG
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#### DPoE™ Compact 8 Midspan

<b>8-port power midspan:</b>	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

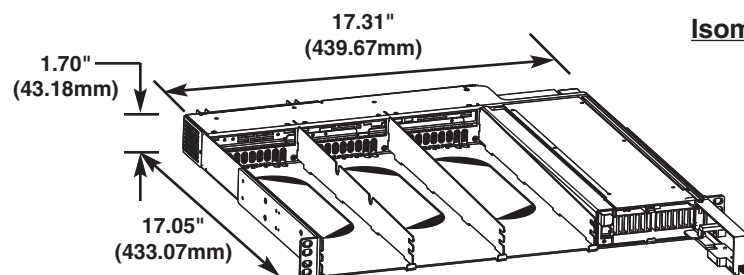
\*Requires Mini-Com® Jacks, such as Panduit parts CJ688TGIW, CC5E88IW, CMDSAQLCZBL or CMBRS485BU.

#### DPoE™ 120W Power Supply

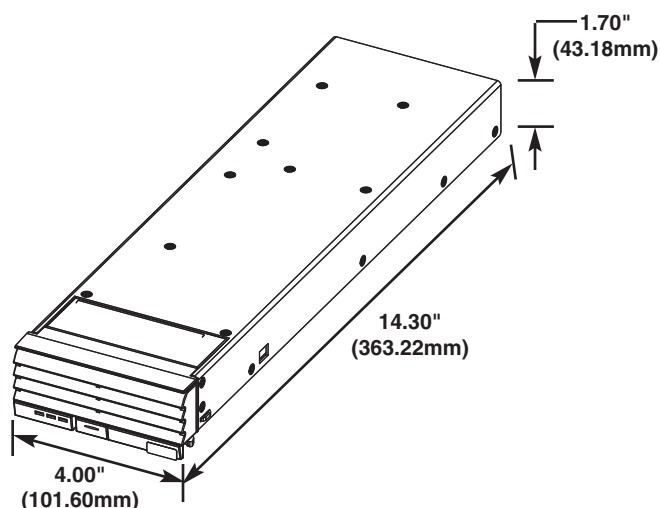
<b>120W supply:</b>	DPOEPWRB120Y
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#### Power Cords

<b>U.S.A.:</b>	CORD-S15
<b>Japan:</b>	CORD-J15
<b>Australia:</b>	CORD-A
<b>Europe:</b>	CORD-E
<b>United Kingdom:</b>	CORD-U



Isometric (Front) View  
DPOEPWRR1250



## DPoE™ Power System Test Data

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

Dimensions are in inches (Dimensions in parentheses are metric)

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