

QuickSpecs

HP RPS1600 Redundant Power System

Overview

Models

HP RPS1600 Redundant Power System

JG136A

Product overview

A-RPS1600 is a redundancy power supply which can support up to 8 active devices and up to 3200W power per system, 1400W power per port to A series fixed port switches.

Key features

- A cost effective power redundancy solution
- A full 48 port PoE/PoE+ power redundancy solution
- Support up to 8 active devices at the same time
- Provide 3200W power per system and 1400W per port

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Technical Specifications

HP RPS1600 Redundant Power System (JG136A)

Ports	8 redundant power supply ports	
	Restrictions: two -56V/25A DC(PoE); six -56V/8A DC(non-PoE)	
Physical characteristics	Dimensions	17.32(w) x 15.63(d) x 1.74(h) in (44 x 39.7 x 4.42 cm)
	Weight	14.11 lb (6.4 kg)
	Full configuration weight	16.75 lb (7.6 kg)
Environment	Operating temperature	14°F to 122°F (-10°C to 50°C)
	Operating relative humidity	5% to 95%
	Nonoperating/Storage temperature	-40°F to 158°F (-40°C to 70°C)
	Nonoperating/Storage relative humidity	5% to 95%
	Altitude	up to 13,123 ft (4 km)
Electrical characteristics	Acoustic	Pressure: 53 dB; ISO 7779, ISO 9296
	Voltage	100-120/200-240 VAC
	Current	30/60 A
	Idle power	38 W
	Maximum power rating	3550 W
	RPS power	3200 W
	PoE power	2800 W
	RPS	-55 V
	PoE	-55 V
	Frequency	50/60 Hz
Safety	Notes	Idle power is the actual power consumption of the device with no ports connected. Maximum power rating and maximum heat dissipation are the worst-case theoretical maximum numbers provided for planning the infrastructure with fully loaded PoE (if equipped), 100% traffic, all ports plugged in, and all modules populated. With one RPS1600 Power Supply, the PRS1600 Redundant Power System can provide 1600W power output; With two PRS1600 Power Supplies, the output power is 3200W.
	Safety	CE Labeled; UL 60950-1; IEC 60950-1; ICES-003; FCC Part 15, Subpart B; EU RoHS Compliant; EN 60950-1/A11; C-Tick; VCCI Class A; ROHS Compliance; EN 300386
Services	Refer to the HP website at www.hp.com/networking/services for details on the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales office.	

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Technical Specifications

HP RPS1600 Redundant Power System accessories

Power Supply

HP RPS1600 1600W AC Power Supply	JG137A
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Power cords

HP X290 1000 A JD5 2m RPS Cable	JD187A
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HP X290 1000 A JD5 Non-PoE 2m RPS Cable	JD188A
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HP X290 1000 B JD5 2m RPS Cable	JD189A
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To learn more, visit: www.hp.com/networking

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