

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

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)
Acoustic Pressure: 53 dB; ISO 7779, ISO 9296	
Electrical characteristics	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
	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.

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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