

### Overview

### Models

HP RPS1600 Redundant Power System

JG136A

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### 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.

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### 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)

<b>Ports</b>	8 redundant power supply ports Restrictions: two -56V/25A DC(PoE); six -56V/8A DC(non-PoE)
<b>Physical characteristics</b>	<b>Dimensions</b> 17.32(w) x 15.63(d) x 1.74(h) in (44 x 39.7 x 4.42 cm)
	<b>Weight</b> 14.11 lb (6.4 kg)
	<b>Full configuration weight</b> 16.75 lb (7.6 kg)
<b>Environment</b>	<b>Operating temperature</b> 14°F to 122°F (-10°C to 50°C)
	<b>Operating relative humidity</b> 5% to 95%
	<b>Nonoperating/Storage temperature</b> -40°F to 158°F (-40°C to 70°C)
	<b>Nonoperating/Storage relative humidity</b> 5% to 95%
	<b>Altitude</b> up to 13,123 ft (4 km)
<b>Acoustic</b> Pressure: 53 dB; ISO 7779, ISO 9296	
<b>Electrical characteristics</b>	<b>Voltage</b> 100-120/200-240 VAC
	<b>Current</b> 30/60 A
	<b>Idle power</b> 38 W
	<b>Maximum power rating</b> 3550 W
	<b>RPS power</b> 3200 W
	<b>PoE power</b> 2800 W
	<b>RPS</b> -55 V
	<b>PoE</b> -55 V
	<b>Frequency</b> 50/60 Hz
	<b>Notes</b> 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.
<b>Safety</b>	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
<b>Services</b>	Refer to the HP website at <a href="http://www.hp.com/networking/services">www.hp.com/networking/services</a> 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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