

Cisco RPS1000 380W Redundant Power Supply Unit Cisco Small Business Network Accessories

Increase System Availability by Providing Uninterrupted Operation

Highlights

- Provides transparent power backup for select Cisco Small Business products
- Helps ensure uninterrupted operation and protection against device power supply failures
- Increases system availability of converged voice, video, and data networks

Figure 1. Cisco RPS1000 380W Redundant Power Supply Unit



Product Overview

The Cisco® RPS1000 380W Redundant Power Supply Unit (Figure 1) supplies redundant power for one of up to six attached devices in a convenient, 1-rack-unit form. It helps ensure uninterrupted operation and protection against device power supply failures by providing uninterrupted failover for Cisco Small Business switches and network storage system devices. The failover behavior for the unit is “first come, first served.”

When it detects a failure, the Cisco RPS1000 provides power to the failed device instantaneously so that the attached device does not suffer loss of function or reboot. The affected switch logs the power supply failure event in its local log file as well as to a central event manager via Simple Network Management Protocol (SNMP) traps or syslog messages.

The Cisco RPS1000 supports Cisco NSS4000/NSS4100 4-Bay Gigabit Storage System devices and NSS6000/NSS6100 4-Bay Advanced Gigabit Storage System devices, as well as Cisco SFE2000/SFE2000P 24-Port 10/100 Ethernet Switches and SGE2000/SGE2000P 24-Port Gigabit Switches. The unit automatically delivers the appropriate amount of power to the attached device. The Cisco RPS1000 has a maximum capacity of 380W, sufficient to deliver power to any of these attached devices without any loss of function.

Features

- Delivers power supply redundancy to select Cisco Small Business devices
- 1-rack-unit form factor
- “First-come, first-served” failover behavior
- Six redundant power supply ports, providing power one port at a time
- Supports Cisco Small Business network storage system and switch devices

- Detects when the power of an attached device fails and supplies power to it
- No loss of data or reboot on the part of the device
- Backs off from powering the failed device when it regains its internal power supply

Specifications

Table 1 contains the specifications, package contents, and minimum requirements for the Cisco RPS1000 380W Redundant Power Supply Unit.

Table 1. Specifications for the Cisco RPS1000 380W Redundant Power Supply Unit

Specifications	
LEDs	Stby/Active, DC, Temp, Fan, Ch1, Ch2, Ch3, Ch4, Ch5, Ch6
Maximum output power	380W
AC input voltage	100 to 240V AC; 6 to 10A; 50 to 60 Hz
Environmental	
Dimensions W x H x D	14.88 x 1.75 x 17.50 in. (378 x 45 x 445 mm)
Unit weight	11.51 lb (5.2 kg)
Certification	FCC, CE, Reduction of Hazardous Substances (RoHS), Waste Electrical and Electronic Equipment (WEEE), C-Tick
Operating temperature	32° to 113°F (0° to 45°C)
Storage temperature	-20° to 65°F (-4° to 149°C)
Operating humidity	10% to 85% noncondensing
Storage humidity	5% to 90% noncondensing
Safety	<ul style="list-style-type: none"> • UL 60950-1 • International Electrotechnical Commission (IEC) 60950-1 CB/PSB • Canadian Standards Association (CSA) C22.2 No. 60950 • European Norm (EN) 60950
Electromagnetic compatibility (EMC)	<ul style="list-style-type: none"> • FCC Part 15 (CFR 47) Class A • Interference-Causing Equipment Standard (ICES)-003 Class 3 • EN 55022 Class A • International Special Committee on Radio Interference (CISPR) 22 Class A • EN 55024 • EN 61000-3-2 • EN 61000-3-3
Package Contents	
	<ul style="list-style-type: none"> • Cisco RPS1000 380W Redundant Power Supply Unit • RPS1000 cable (1.2 m, 16-pin to 14-pin connector cable) • Documentation CD-ROM • AC power cord • Quick install guide • Mounting kit
Minimum Requirements	
	<ul style="list-style-type: none"> • Power outlet
Product Warranty	
	90-day limited hardware warranty with return to factory replacement.

Cisco Limited Warranty for Cisco Small Business Series Products

This Cisco Small Business product comes with a 90-day limited hardware warranty with return to factory replacement. In addition, Cisco offers software application updates for bug fixes and telephone technical support at no charge for the first 12 months following the date of purchase. To download software updates, go to: <http://www.cisco.com/go/smallbiz>.

Product warranty terms and other information applicable to Cisco products are available at <http://www.cisco.com/go/warranty>.

For More Information

For more information on Cisco Small Business products and solutions, visit: <http://www.cisco.com/smallbusiness>.



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