Cisco RPS 675 Compatibility Matrix

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This document contains the list of Cisco products that are compatible with the Cisco Redundant Power System (RPS) 675 (model PWR675-AC-RPS-N1=). The RPS 675 provides power redundancy for up to six connected devices until one of these devices requires backup power.

Table 1 lists the devices supported by the RPS 675.

Table 1   Supported Devices

Device	Description
Cisco Catalyst Express 500-24PC switch	24 10/100 PoE ports, and 2 dual-purpose uplinks (two 10/100/1000BASE-T copper ports and 2 SFP module slots)
Catalyst 2912 LRE XL switch	4 10/100 Ethernet ports and 12 LRE[1] ports
Catalyst 2924 LRE XL switch	4 10/100 Ethernet ports and 24 LRE ports
Catalyst 2948G-GE-TX switch	48 10/100 Ethernet ports and 4 SFP[2] module slots
Catalyst 2950-12 switch	12 10/100 Ethernet ports
Catalyst 2950-24 switch	24 10/100 Ethernet ports
Catalyst 2950C-24 switch	24 10/100 Ethernet ports and 2 100BASE-FX ports
Catalyst 2950G-12-EI switch	12 10/100 Ethernet ports and 2 GBIC[3] module slots
Catalyst 2950G-24-EI switch	24 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 2950G-24-EI-DC switch	24 10/100 Ethernet ports and 2 GBIC module slots with DC input power
Catalyst 2950G-48-EI switch	48 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 2950ST-8-LRE switch	8 LRE ports, 2 10/100/1000BASE-T ports, and 2 SFP ports
Catalyst 2950ST-24 LRE switch	24 LRE ports, 2 10/100/1000 Ethernet ports, and 2 SFP module slots
Catalyst 2950ST-24 LRE 997 switch	24 LRE ports, 2 10/100/1000 Ethernet ports, and 2 SFP module slots with DC-input power
Catalyst 2950SX-24 switch	24 10/100 Ethernet ports and 2 1000BASE-SX ports
Catalyst 2950SX-48-SI switch	48 10/100 Ethernet ports and 2 1000BASE-SX ports

Table 1   Supported Devices (continued)

Device	Description
Catalyst 2950T-24 switch	24 10/100 Ethernet ports and 2 autosensing 10/100/1000 Ethernet ports
Catalyst 2950T-48-SI switch	48 10/100 Ethernet ports and 2 10/100/1000 Ethernet ports
Catalyst 2960-24TT-L switch	24 10/100 ports and 2 10/100/1000 ports
Catalyst 2960-24TC-L switch	24 10/100 ports and 2 dual purpose Gigabit Ethernet uplink ports
Catalyst 2960-48TT-L switch	48 10/100 ports and 2 10/100/1000 ports
Catalyst 2960-48TC switch	48 10/100 ports and 2 dual purpose Gigabit Ethernet uplink ports
Catalyst C2960G-24TC-L switch	20 10/100/1000 ports and 4 dual purpose Gigabit Ethernet uplink ports
Catalyst 2970G-24T switch	24 10/100/1000 Ethernet ports
Catalyst 2970G-24TS switch	24 10/100/1000 Ethernet ports and 4 SFP module slots
Catalyst 2980G-A switch	80 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 3550-12G switch	2 10/100/1000 Ethernet ports and 10 GBIC module slots
Catalyst 3550-12T switch	10 10/100/1000 Ethernet ports and 2 GBIC module slots
Catalyst 3550-24 switch	24 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 3550-24-FX switch	24 10/100 BASE-FX ports and 2 GBIC module slots
Catalyst 3550-24PWR switch	24 10/100 Cisco prestandard PoE[4] ports and 2 GBIC module slots
Catalyst 3550-48 switch	48 10/100 Ethernet ports and 2 GBIC module slots
Catalyst 3560-24PS switch	24 10/100 PoE ports and 2 SFP module slots
Catalyst 3560-24TS switch	24 10/100 Ethernet ports and 2 SFP module slots
Catalyst 3560-48PS switch	48 10/100 PoE ports and 4 SFP module slots
Catalyst 3560-48TS switch	48 10/100 Ethernet ports and 4 SFP module slots
Catalyst 3560G-24PS switch	24 10/100/1000 PoE and 4 SFP module slots
Catalyst 3560G-24TS switch	24 10/100/1000 Ethernet ports and 4 SFP module slots
Catalyst 3560G-48PS switch	48 10/100/1000 PoE and 4 SFP module slots
Catalyst 3560G-48TS switch	48 10/100/1000 Ethernet ports and 4 SFP module slots
Catalyst 3750-24PS switch	24 10/100 PoE ports and 2 SFP module slots
Catalyst 3750-24TS switch	24 10/100 Ethernet ports and 2 SFP module slots
Catalyst 3750-48PS switch	48 10/100 PoE ports and 4 SFP module slots
Catalyst 3750-48TS switch	48 10/100 Ethernet ports and 4 SFP module slots
Catalyst 3750G-12S switch	12 SFP module slots
Catalyst 3750G-16TD switch	16 10/100/1000 Ethernet ports and 1 10-Gigabit Ethernet XENPAK module slot
Catalyst 3750G-24T switch	24 10/100/1000 Ethernet ports
Catalyst 3750G-24PS switch	24 10/100/1000 PoE and 4 SFP module slots

Table 1   Supported Devices (continued)

Device	Description
Catalyst 3750G-24TS switch	24 10/100/1000 Ethernet ports and 4 SFP module slots
Catalyst 3750G-24TS-1U switch	24 10/100/1000 Ethernet ports and 4 SFP module slots
Catalyst 3750G-48PS switch	48 10/100/1000 PoE and 4 SFP module slots
Catalyst 3750G-48TS switch	48 10/100/1000 Ethernet ports and 4 SFP module slots
Catalyst 3750G-24WS-S25 switch	24 10/100/1000 PoE ports, 2 SFP module slots, and an integrated Cisco wireless LAN controller supporting up to 25 Cisco Lightweight Access Points
Catalyst 3750G-24WS-S50 switch	24 10/100/1000 PoE ports, 2 SFP module slots, and an integrated Cisco wireless LAN controller supporting up to 50 Cisco Lightweight Access Points
Cisco 2811 router	2 10/100 Ethernet ports, 4 WIC[5] slots, 1 NME[6] slot
Cisco 2811-AC-IP router	2 10/100 PoE ports, 4 WIC slots, 1 NME slot
Cisco 2821 router	2 10/100/1000 Ethernet ports, 4 WIC slots, and 1 NME-X/EVM[7]-HD slot
Cisco 2821-AC-IP router	2 10/100/1000 PoE ports, 4 WIC slots, and 1 NME-X/EVM -HD slot
Cisco 2851 router	2 10/100/1000 Ethernet ports, 4 WIC slots, and 1 NME-XD/EVM-HD slot
Cisco 2851-AC-IP router	2 10/100/1000 PoE ports, 4 WIC slots, and 1 NME-XD/EVM-HD slot
Cisco 3825 router	2 10/100/1000 Ethernet ports, 1 SFP port, 4 WIC slots, and 2 NME-X/EVM-HD slots
Cisco 3825-AC-IP router	2 10/100/1000 PoE ports, 1 SFP port, 4 WIC slots, and 2 NME-X/EVM-HD slots

1. LRE = Long-Reach Ethernet
2. SFP = Small form-factor pluggable
3. GBIC = Gigabit Interface Converter
4. POE = Power over Ethernet
5. WIC = WAN interface card
6. NME = Enhanced network module
7. EVM = Extension voice module

Note   The Cisco RPS 675 does not support the Catalyst 3524-PWR XL switch. The Cisco RPS 300 supports the Catalyst 3524-PWR XL switch.

Other Catalyst switches and Cisco devices are supported by the Cisco RPS 300 or the Cisco RPS 600. Documentation on all these devices can be found on www.cisco.com.

Related Documentation

These documents provide information about the RPS 675:

- *Catalyst 2948G, 2948-GE-TX, and 2980G Switch Hardware Installation G*uide (order number DOC-786286=)

- *Catalyst 2950 Switch Hardware Installation Guide* (not orderable but available on cisco.com)

- *Catalyst 2960 Switch Hardware Installation Guide* (not orderable but available on cisco.com)

- *Catalyst 2970 Switch Hardware Installation Guide* (not orderable but available on cisco.com)

- *Catalyst 3550 Multilayer Switch Hardware Installation Guide* (not orderable but available on Cisco.com)

- *Catalyst 3560 Switch Hardware Installation Guide* (not orderable but available on cisco.com)

- *Catalyst 3750 Switch Hardware Installation Guide* (not orderable but available on cisco.com)

- *Cisco RPS 675 Redundant Power System Hardware Installation Guide* (order number DOC-7815201=)

For information about the 300 W Redundant Power System (RPS), see the *Cisco RPS 300 Redundant Power System Hardware Installation Guide.*

For information about the 600 W Redundant Power System (RPS), see the *Cisco 600 W Redundant Power System Installation Guide*.

Obtaining Documentation

Cisco documentation and additional literature are available on Cisco.com. This section explains the product documentation resources that Cisco offers.

Cisco.com

You can access the most current Cisco documentation at this URL:

http://www.cisco.com/techsupport

You can access the Cisco website at this URL:

http://www.cisco.com

You can access international Cisco websites at this URL:

http://www.cisco.com/public/countries_languages.shtml

Product Documentation DVD

The Product Documentation DVD is a library of technical product documentation on a portable medium. The DVD enables you to access installation, configuration, and command guides for Cisco hardware and software products. With the DVD, you have access to the HTML documentation and some of the PDF files found on the Cisco website at this URL:

http://www.cisco.com/univercd/home/home.htm

The Product Documentation DVD is created monthly and is released in the middle of the month. DVDs are available singly or by subscription. Registered Cisco.com users can order a Product Documentation DVD (product number DOC-DOCDVD= or DOC-DOCDVD=SUB) from Cisco Marketplace at the Product Documentation Store at this URL:

http://www.cisco.com/go/marketplace/docstore

Ordering Documentation

You must be a registered Cisco.com user to access Cisco Marketplace. Registered users may order Cisco documentation at the Product Documentation Store at this URL:

http://www.cisco.com/go/marketplace/docstore

If you do not have a user ID or password, you can register at this URL:

http://tools.cisco.com/RPF/register/register.do

Documentation Feedback

You can provide feedback about Cisco technical documentation on the Cisco Technical Support & Documentation site area by entering your comments in the feedback form available in every online document.

Cisco Product Security Overview

Cisco provides a free online Security Vulnerability Policy portal at this URL:

http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html

From this site, you will find information about how to do the following:

- Report security vulnerabilities in Cisco products
- Obtain assistance with security incidents that involve Cisco products
- Register to receive security information from Cisco

A current list of security advisories, security notices, and security responses for Cisco products is available at this URL:

http://www.cisco.com/go/psirt

To see security advisories, security notices, and security responses as they are updated in real time, you can subscribe to the Product Security Incident Response Team Really Simple Syndication (PSIRT RSS) feed. Information about how to subscribe to the PSIRT RSS feed is found at this URL:

http://www.cisco.com/en/US/products/products_psirt_rss_feed.html

Reporting Security Problems in Cisco Products

Cisco is committed to delivering secure products. We test our products internally before we release them, and we strive to correct all vulnerabilities quickly. If you think that you have identified a vulnerability in a Cisco product, contact PSIRT:

- For emergencies only—security-alert@cisco.com

  An emergency is either a condition in which a system is under active attack or a condition for which a severe and urgent security vulnerability should be reported. All other conditions are considered nonemergencies.

- For nonemergencies—psirt@cisco.com

In an emergency, you can also reach PSIRT by telephone:

- 1 877 228-7302
- 1 408 525-6532

Tip We encourage you to use Pretty Good Privacy (PGP) or a compatible product (for example, GnuPG) to encrypt any sensitive information that you send to Cisco. PSIRT can work with information that has been encrypted with PGP versions 2.x through 9.x.

Never use a revoked encryption key or an expired encryption key. The correct public key to use in your correspondence with PSIRT is the one linked in the Contact Summary section of the Security Vulnerability Policy page at this URL:

http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html

The link on this page has the current PGP key ID in use.

If you do not have or use PGP, contact PSIRT to find other means of encrypting the data before sending any sensitive material.

Product Alerts and Field Notices

Modifications to or updates about Cisco products are announced in Cisco Product Alerts and Cisco Field Notices. You can receive Cisco Product Alerts and Cisco Field Notices by using the Product Alert Tool on Cisco.com. This tool enables you to create a profile and choose those products for which you want to receive information.

To access the Product Alert Tool, you must be a registered Cisco.com user. (To register as a Cisco.com user, go to this URL: http://tools.cisco.com/RPF/register/register.do) Registered users can access the tool at this URL: http://tools.cisco.com/Support/PAT/do/ViewMyProfiles.do?local=en

Obtaining Technical Assistance

Cisco Technical Support provides 24-hour-a-day award-winning technical assistance. The Cisco Technical Support & Documentation website on Cisco.com features extensive online support resources. In addition, if you have a valid Cisco service contract, Cisco Technical Assistance Center (TAC) engineers provide telephone support. If you do not have a valid Cisco service contract, contact your reseller.

Cisco Technical Support & Documentation Website

The Cisco Technical Support & Documentation website provides online documents and tools for troubleshooting and resolving technical issues with Cisco products and technologies. The website is available 24 hours a day at this URL:

http://www.cisco.com/techsupport

Access to all tools on the Cisco Technical Support & Documentation website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a user ID or password, you can register at this URL:

http://tools.cisco.com/RPF/register/register.do

Note Use the **Cisco Product Identification Tool** to locate your product serial number before submitting a request for service online or by phone. You can access this tool from the Cisco Technical Support & Documentation website by clicking the **Tools & Resources** link, clicking the **All Tools (A-Z)** tab, and then choosing **Cisco Product Identification Tool** from the alphabetical list. This tool offers three search options: by product ID or model name; by tree view; or, for certain products, by copying and pasting **show** command output. Search results show an illustration of your product with the serial number label location highlighted. Locate the serial number label on your product and record the information before placing a service call.

Tip Displaying and Searching on Cisco.com

If you suspect that the browser is not refreshing a web page, force the browser to update the web page by holding down the Ctrl key while pressing F5.

To find technical information, narrow your search to look in technical documentation, not the entire Cisco.com website. On the Cisco.com home page, click the **Advanced Search** link under the Search box and then click the **Technical Support & Documentation**.radio button.

To provide feedback about the Cisco.com website or a particular technical document, click **Contacts & Feedback** at the top of any Cisco.com web page.

Submitting a Service Request

Using the online TAC Service Request Tool is the fastest way to open S3 and S4 service requests. (S3 and S4 service requests are those in which your network is minimally impaired or for which you require product information.) After you describe your situation, the TAC Service Request Tool provides recommended solutions. If your issue is not resolved using the recommended resources, your service request is assigned to a Cisco engineer. The TAC Service Request Tool is located at this URL:

http://www.cisco.com/techsupport/servicerequest

For S1 or S2 service requests, or if you do not have Internet access, contact the Cisco TAC by telephone. (S1 or S2 service requests are those in which your production network is down or severely degraded.) Cisco engineers are assigned immediately to S1 and S2 service requests to help keep your business operations running smoothly.

To open a service request by telephone, use one of the following numbers:

Asia-Pacific: +61 2 8446 7411
Australia: 1 800 805 227
EMEA: +32 2 704 55 55
USA: 1 800 553 2447

For a complete list of Cisco TAC contacts, go to this URL:

http://www.cisco.com/techsupport/contacts

Definitions of Service Request Severity

To ensure that all service requests are reported in a standard format, Cisco has established severity definitions.

Severity 1 (S1)—An existing network is "down" or there is a critical impact to your business operations. You and Cisco will commit all necessary resources around the clock to resolve the situation.

Severity 2 (S2)—Operation of an existing network is severely degraded, or significant aspects of your business operations are negatively affected by inadequate performance of Cisco products. You and Cisco will commit full-time resources during normal business hours to resolve the situation.

Severity 3 (S3)—Operational performance of the network is impaired while most business operations remain functional. You and Cisco will commit resources during normal business hours to restore service to satisfactory levels.

Severity 4 (S4)—You require information or assistance with Cisco product capabilities, installation, or configuration. There is little or no effect on your business operations.

Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- The *Cisco Product Quick Reference Guide* is a handy, compact reference tool that includes brief product overviews, key features, sample part numbers, and abbreviated technical specifications for many Cisco products that are sold through channel partners. It is updated twice a year and includes the latest Cisco channel product offerings. To order and find out more about the *Cisco Product Quick Reference Guide*, go to this URL:

  http://www.cisco.com/go/guide

- Cisco Marketplace provides a variety of Cisco books, reference guides, documentation, and logo merchandise. Visit Cisco Marketplace, the company store, at this URL:

  http://www.cisco.com/go/marketplace/

- Cisco Press publishes a wide range of general networking, training, and certification titles. Both new and experienced users will benefit from these publications. For current Cisco Press titles and other information, go to Cisco Press at this URL:

  http://www.ciscopress.com

- *Packet* magazine is the magazine for Cisco networking professionals. Each quarter, *Packet* delivers coverage of the latest industry trends, technology breakthroughs, and Cisco products and solutions, as well as network deployment and troubleshooting tips, configuration examples, customer case studies, certification and training information, and links to scores of in-depth online resources. You can subscribe to *Packet* magazine at this URL:

  http://www.cisco.com/packet

- *Internet Protocol Journal* is a quarterly journal published by Cisco Systems for engineering professionals involved in designing, developing, and operating public and private internets and intranets. You can access the *Internet Protocol Journal* at this URL:

  http://www.cisco.com/ipj

- Networking products offered by Cisco Systems, as well as customer support services, can be obtained at this URL:

  http://www.cisco.com/en/US/products/index.html

- Networking Professionals Connection is an interactive website where networking professionals share questions, suggestions, and information about networking products and technologies with Cisco experts and other networking professionals. Join a discussion at this URL:

  http://www.cisco.com/discuss/networking

- "What's New in Cisco Documentation" is an online publication that provides information about the latest documentation releases for Cisco products. Updated monthly, this online publication is organized by product category to direct you quickly to the documentation for your products. You can view the latest release of "What's New in Cisco Documentation" at this URL:

  http://www.cisco.com/univercd/cc/td/doc/abtunicd/136957.htm

- World-class networking training is available from Cisco. You can view current offerings at this URL:

  http://www.cisco.com/en/US/learning/index.html