

Cisco RP Series Basic Power Distribution Units

Product Overview

With data center devices denser than ever - often served by two, three, or even four power supplies - a single rack of equipment can produce dozens of power cords to manage. The demands of even one rack can easily exceed the available supply of wall outlets. Even if power drops are run from a nearby rack power module, a common scenario, the cabling into each rack can quickly become unwieldy to manage and difficult to trace and troubleshoot.

Cisco® RP Series Power Distribution Units (PDUs) are ideal choice for a flexible, reliable, easy-to-deploy power distribution with branch circuit protection. In addition, Cisco offers a complete line of computing, rack, and power products optimized and certified for Cisco Unified Computing System™ blade and rack servers.

Features and Benefits

Table 1 summarizes the features and benefits of the Cisco RP Series PDUs.

Table 1. Features and Benefits

Feature	Benefit
Provides a better way to distribute power	<ul style="list-style-type: none"> • Cisco RP Series PDU models cost effectively and efficiently distribute power to up to 24 outlets. • The ready-to-use architecture organizes power distribution, simplifies cable management, and enables you to move, add, and change rack equipment without an electrician.
Streamlines cabling from the rack	<ul style="list-style-type: none"> • With a Cisco RP Series PDU in the rack, you can replace up to two dozen input power cords with just one. • The fixed input cord connects to the power source from overhead or under-floor distribution. Your IT equipment is then powered by PDU outlets in the rack using short, easy-to-manage power cords. • With far fewer cables between the power source and the rack, these PDUs alleviate clutter, improve airflow, and simplify power distribution.
Enables easy deployment of PDUs	<ul style="list-style-type: none"> • Lightweight Cisco RP Series PDU models are easy to install and display. • Zero-rack-unit (0RU) and 1RU designs preserve valuable rack space for IT equipment.
Protects against overload conditions	<ul style="list-style-type: none"> • Cisco RP Series PDU models provide two 20-ampere (A) circuit breakers for groups of receptacles. The effects of a tripped circuit are limited to a receptacle group. Simply press a button to reset that circuit.
Certified to operate with Cisco equipment	<ul style="list-style-type: none"> • Designed, tested, and approved for use with Cisco solutions, budget-friendly Cisco PDUs can extend the value of your existing power systems while improving system reliability and availability.

Product Specifications

Table 2 summarizes the specifications for the Cisco RP Series PDUs.

Table 2. Product Specifications

Description	0RU Strip PDU 20 C13 and 4 C19, Single-Phase, NA, 30A, Fixed 10ft L6-30P	1RU PDU 2 C13 and 4 C19, Single-Phase, NA, 30A, Fixed 10ft L6-30P	0RU Strip PDU 20 C13 and 4 C19, Single-Phase, 30A, Fixed 3M IEC309 32A 2P+E	1RU PDU 2 C13 and 4 C19, Single-Phase, NA, 30A, Fixed 3M IEC309 32A 2P+E
Cisco option part number	RP208-30-1P-U-2	RP208-30-1P-U-1	RP230-32-1P-U-2	RP230-32-1P-U-1
Cisco field-replaceable unit (FRU) part number	RP208-30-1P-U-2=	RP208-30-1P-U-1=	RP230-32-1P-U-2=	RP230-32-1P-U-1=
RU size	0	0/1	0	0/1
Input voltage	200 to 240 VAC ±10%	200 to 240 VAC ±10%	200 to 240 VAC ±10%	200 to 240 VAC ±10%
Frequency	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz	50 to 60 Hz

Description	0RU Strip PDU 20 C13 and 4 C19, Single-Phase, NA, 30A, Fixed 10ft L6-30P	1RU PDU 2 C13 and 4 C19, Single-Phase, NA, 30A, Fixed 10ft L6-30P	0RU Strip PDU 20 C13 and 4 C19, Single-Phase, 30A, Fixed 3M IEC309 32A 2P+E	1RU PDU 2 C13 and 4 C19, Single-Phase, NA, 30A, Fixed 3M IEC309 32A 2P+E
Amperage	30A	30A	32A	32A
UL rating	24A	24A	32A	32A
Input plug	NEMA L6-30P	NEMA L6-30P	IEC309 32A 2P+E	IEC309 32A 2P+E
Cord length	10ft/3m			
Output voltage	200 to 240 VAC			
Receptacles	<ul style="list-style-type: none"> • 20 IEC 320 C13 • 4 IEC 320 C19 	<ul style="list-style-type: none"> • 2 IEC 320 C13 • 4 IEC 320 C19 	<ul style="list-style-type: none"> • 20 IEC 320 C13 • 4 IEC 320 C19 	<ul style="list-style-type: none"> • 2 IEC 320 C13 • 4 IEC 320 C19
Circuit breakers	2 two-pole 20A (UL 489)			
Safety and Environmental				
Operating temperature	50 to 122°F (10 to 50°C)			
Operating relative humidity	5 to 90% (noncondensing)			
Operating elevation	0 to 10,000 ft (0 to 3048m)			
Storage temperature	-40 to 140°F (-40 to 60°C)			
Storage relative humidity	5 to 95% (including condensing)			
Storage elevation	0 to 50,000 ft (0 to 15,240m)			
Cooling	No fan required to meet agency and performance requirements			
Safety				
Unit dimensions (L x W x H)	60.6 x 17.4 x 3.4 in. (1540 x 44 x 85 mm)	17.6 x 13.8 x 18 (447 x 350 x 43.4 mm)	1540 x 44 x 85 mm	447 x 350 x 43.4 mm
Unit weight (kg)	12.1 lb (5.5 kg)	11.1 lb (5 kg)	5.5 kg	5 kg
Packaging size (L x W x D)	67.7 x 6.7 x 6.7 in. (1720 x 170 x 170 mm)	19.5 x 22.3 x 7.1 in. (495 x 565 x 180 mm)	1720 x 170 x 170 mm	495 x 565 x 180 mm
Total weight with packaging	15.5 lb (7 kg)	18.3 lb (8.3 kg)	7 kg	8.3 kg

Warranty Information

Find warranty information on Cisco.com at the [Product Warranties](#) page.

Ordering Information

To place an order, visit the [Cisco Ordering homepage](#).

Cisco Services

Cisco Services make networks, applications, and the people who use them work better together.

Today, the network is a strategic platform in a world that demands better integration between people, information, and ideas. The network works better when services, together with products, create solutions aligned with business needs and opportunities.

The unique Cisco Lifecycle approach to services defines the requisite activities at each phase of the network lifecycle to help ensure service excellence. With a collaborative delivery methodology that joins the forces of Cisco, our skilled network of partners, and our customers, we achieve the best results.

Cisco Capital

Financing to Help You Achieve Your Objectives

Cisco Capital can help you acquire the technology you need to achieve your objectives and stay competitive. We can help you reduce CapEx. Accelerate your growth. Optimize your investment dollars and ROI. Cisco Capital financing gives you flexibility in acquiring hardware, software, services, and complementary third-party equipment. And there's just one predictable payment. Cisco Capital is available in more than 100 countries. [Learn more.](#)

For More Information

<http://www.cisco.com/go/ucs>.



Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
The Netherlands

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco Website at www.cisco.com/go/offices.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)