FTTR rack-mount PDU size parameters



Overview

RACK PDU With only one single-phase or three-phase input, these PDUs guarantee reliable power distribution for equipment with small and medium-scale energy.

Key Takeaways

Standard rack-mount PDUs typically conform to 19-inch rack width, with heights of 0U to 1U and depths ranging from 1250 mm to 1560 mm depending on model and configuration.

Standard Dimensions



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Width: 19 inches (standard rack-mount width)Height: 0U (vertical/Zero-U) or 1U (horizontal) depending on the PDU type Depth: Typically ranges from 1250 mm to 1560 mm for full-length vertical PDUs Weight: Approximately 5. 4 kg to 6. 0 kg for single-phase or three-phase models Mounting and Form FactorZero-U (vertical) PDUs: Mounted along the rear of the rack, do not occupy standard U space, ideal for high-density racks 1U (horizontal) PDUs: Installed in a single rack unit, suitable for horizontal power distribution across the rack Rack compatibility: Designed for standard 19-inch racks, compatible with most server cabinets and enclosures Electrical and Outlet ConsiderationsInput configurations: Single-phase or three-phase, with rated currents from 16A to 63A depending on model Output connectors: Commonly IEC C13 and C19, sometimes combined C39 outlets for mixed connections Monitoring and control: Some models include metered, monitored, or switched capabilities with remote management options Environmental ParametersOperating temperature: 0°C to 45°CRelative humidity: 5% to 95% non-condensingMaximum operating altitude: Up to 2000 m These parameters ensure that FTTR rack-mount PDUs can fit standard data center racks while providing flexible power distribution, monitoring, and management options.

For precise model selection, always verify the PDU's depth and outlet configuration against your rack layout and equipment requirements.

Article Content

RACK PDU

With only one single-phase or three-phase input, these PDUs guarantee reliable power distribution for equipment with small and medium-scale energy requirements integrated into rack cabinets.

Eaton Rack PDU G4 Brochure

According to the latest market trends, the new G4 PDU range provides up to 48 outlets per PDU in a low-profile chassis. Eaton offers extensive PDU configurations including 1-Phase, 3-Phases, and

Data Sheet Power Distribution Unit Rack Systems

parameters per phase, per group and per output. The task of Switched PDUs is remote monitoring and management of IT devices in the 19” rack. It supports simple integration in the rack and management

Intelligent Rack PDU Installer/User Guide

As each master can support up to 49 downstream devices, the number of masters depends on the overall size of the installation and the preferred network architecture.

Data Center Power Distribution Unit Management

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For region-specific product details and variations in specifications, please download the local leaflet or visit the local website. Delta''s power distribution units supply regulated power for data centers and

Vertiv Geist Rack PDUs

By combining leading rack PDU technology, expert service and support, and a seven-year protection plan, you''ll know your data center has the power it needs to support business-critical applications.

New PDU Tech Specs

Raritan PX rack PDUs can be customized to fit your application needs, leveraging Raritan Advanced Engineering. Every aspect of the PX chassis, circuit breakers, input plug and feed, outlets, and

Rack PDU | Austin Hughes

Offered in many sizes and configurations, our Rack PDUs provide the voltage, current, outlet number and type of connections required to fit any need.

Standard PDU Physical Specifications

» Confirming PDU Specifications » Standard PDU Physical Specifications. Note - 1 to 1.5 m (3.3 to 4.9 ft.) of the cords will be routed within the rack cabinet, so the site''s AC power receptacle must be

pdu_en.book

Remote monitoring of the PDU and the opportunity to intervene if necessary is particularly crucial in spatially and geographically distributed edge appli-cations. To this end, the PDU portfolio offers the

Vertiv Geist Rack PDUs

Enhance Business Agility, Eficiency and Availability with VertivTM GeistTM Rack PDUs Data centre investments are sizable, and each component of the power chain from the facility entrance to the

Eaton Metered Input rack PDU | Power Distribution | Eaton

Eaton metered input rack PDU Eaton Metered Input rack PDUs give you remote monitoring capabilities and provide access to your power data whenever you

Rackmount Power Distribution Unit (PDU) FAQs | Eaton

What is a “U” when measuring an enclosure or PDU? A “U” or “RU” refers to the unit of measurement for racks, PDUs, and UPS products. Rack unit size is defined by the Electronic Industries Alliance (EIA).

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Power Distribution Units PDUs

Rack- and Panel-Mount PDUs not only provide convenient, reliable power to equipment mounted in cabinets or on open frame racks, they can also be configured to meet a wide range of design

What Is Data Center U Space? Key Considerations for Choosing the

Rack manufacturers adhere to the Electronic Industries Association (EIA) standards, ensuring that mounting holes are consistently spaced. This eliminates the hassle of trying to fit

What is Rack PDU and Types

What is Rack PDU? PDU (Power Distribution Unit) is a device that manages and distributes power for network devices installed in cabinets. It has

10 Things to Consider When Choosing a Rack PDU

Based on parameters you set, the monitoring system can even send alerts when the PDU is reaching circuit capacity or isn''t performing correctly. 10. Remote switching If the option to

Technical System Catalogue Power Distribution Unit

Thanks to the compact PDU, any IT rack may be quickly and easily equipped with a professional power distribution system. With the new IT rack, installation is tool-free and takes just seconds. The

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Technical inquiry: https://cjcconsultants.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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