

How to Choose a Rack-Mount PDU



Overview

The first step in selecting a PDU should be calculating your base power requirements. Select horizontal, vertical, or mixed mounting as your racks demand. This article will teach you about Rack Power Distribution Units (PDUs), what they are, and how they work so that you can make an educated decision about which type of PDU is best suited for your needs. Rack PDUs are used in 120V, 200-240V and other environments of. The right rack PDU selection hinges on key metrics like center size and built-in features. Here's what you need to know before starting the process. You'll need to measure power input and identify. With this in mind, we've created a handy rack PDU selection wizard and flow chart that addresses all levels of power needs - from basic, non-metered PDUs to Switched POPS with outlet-level power monitoring. "Ultimately," Senger says, "there's a solution for everyone with Server Tech's PDU lineup. If your rack space is empty, a 1U or 2U PDU may be a good fit.



Article Content

Used 15ft IEC C14 to IEC C13 Heavy Duty PDU Power Cord

Choose by load and run length. A 14 AWG SJT C14 to C13 cord at 15A / 250V handles rack-mount servers, network switches, firewalls, KVM-over-IP units, lab benchtop instruments behind PDU strips,

Complete Guide for Power Distribution in Servers, Racks, and Data

Selecting the right PDU demands careful consideration of current requirements, future growth plans, and operational objectives. This decision profoundly impacts data center efficiency, reliability, and

How to choose a rack mounted PDU power distribution

This white paper outlines the selection criteria for rack mounted PDU products and introduces some useful methods to reduce downtime.

Find The Right PDU For Your Data Center | Eaton

Looking for the right PDU for your data center? View Eaton's Rack PDU Buying Guide for ten helpful tips. Learn more now.

What is a Server Rack and How it Works

Most racks follow the EIA-310 rack standard, which defines the 19-inch width and rack-unit measurements you'll see across the industry. Finally, look for features such as adjustable

10 Best Rack-Mounted Smart Power Distribution Units (June 2026)

Discover the best rack-mounted smart PDUs for 2026. Our expert review covers 10 top-rated power distribution units with remote management, monitoring, and enterprise-grade features for

Rack PDU & Distribution Units | Schneider Electric UK

Choose Schneider Electric rack PDUs, PDU racks, or rack PDU solutions for dependable, efficient, and intelligent power distribution tailored to the needs of

APC RBC Battery Selection | UPS Compatibility Guide

Choose the correct APC RBC battery for your UPS. Ensure compatibility, proper runtime, and reliable replacement for IT infrastructure systems.

Server Rack Sizes & Dimensions Guide 2026

Common server rack sizes are 19-inch width, heights like 42U or 48U, and depths from ~24" to 48". Choose size based on equipment type,

What is a Server Rack? Components, Sizes and Types Explained

Wall-Mount Racks Wall-mount racks are designed for smaller deployments with limited floor space, such as telecommunications closets and small network rooms.
Blade Server Enclosures Blade server

What Are Server Rack U Sizes? A Practical Guide to Rack Unit

Note: A “42U rack” does not guarantee 42U of unobstructed vertical space. Many models include fixed top/bottom mounting angles, internal cross-braces, or integrated PDU rails that

Choosing the Right PDU for Your Data Center Rack: Power Distribution

Choosing the right PDU is critical to ensuring efficient power management, minimizing downtime, and supporting the scalability of your IT infrastructure. In this blog, we'll guide you through

How to Choose the Right Rackmount PDU for Your Server in 2025

Choose the right rackmount PDU for your server in 2025. Learn about power needs, outlet types, monitoring features, and scalability for reliable performance.

Eaton's Guide to Buying a Rack PDU

PDU Buying Guide - How to buy the right power distribution unit for an IT server rack or network closet.

Download firmware | UPS | PDU | Network Connectivity | Eaton

Use this page to download the latest firmware for your UPS (uninterruptible power supply), rack-mount PDU (power distribution units) and network connectivity devices.

Power Distribution Units (PDU) – Intellinet Europe

A PDU (Power Distribution Unit) is a rack-mounted power strip designed for power distribution in network cabinets, server racks, and IT infrastructures. It supplies

APC NetShelter Basic Rack PDU, 0U/1U, 100

It is a basic rack PDU with a 1U horizontal mounting design. It supports a maximum input current of 20A and operates at 100-240V. The PDU features 7 IEC 60320

PDU Buying Guide | Eaton

Make an informed choice when purchasing your next Power Distribution Unit (PDU). Choose from basic, metered, monitored, switched and hot-swap PDUs. Learn more!

APC Basic Rack-Mount PDU

APC offers a wide variety of Basic Rack Power Distribution Units (PDUs), which allow users to distribute power outlets to rack-mount equipment. Horizontal and vertical units are available as well as a

Used 20-Outlet Rack Mount PDU with USB Ports & 6-Foot Cord, 15A ...

This extended reach allows you to power equipment in workshops, under counters, on workbenches, or wall-mounted installations. □Versatile 1U Rackmount Design□This space-saving 1U PDU features

Best PDU Power Distribution Units for Server Racks and Data Centers

Choosing the right PDU (Power Distribution Unit) is essential for reliable data center and network closet power management. The following selected PDUs offer varying outlet configurations,

Rack PDU Buying Guide | Power Distribution Unit

It's easy to become overwhelmed when deciding which power solution is right for your data center. With this in mind, we've created a handy rack PDU selection

Data Center Server Rack Guide (2026): Types, Design,

Learn everything about data center server racks—definitions, rack types, airflow design, power integration, cable management, and a full buying

How to Choose a Rack PDU for Your Data Center

This guide will spotlight the parameters to explore before choosing a rack PDU for your data center, plus provide tips to help business owners determine the optimal set up to suit their

20-Outlet Rack Mount PDU with USB Ports & 6-Foot Cord, 15A ...

Find many great new & used options and get the best deals for 20-Outlet Rack Mount PDU with USB Ports & 6-Foot Cord, 15A Overload Switch at the best online prices at eBay! Free shipping

14-Outlet Rackmount PDU Surge Protector Power Strip with 8Ft Cord

Startech 14-Outlet Rackmount PDU, 1U Server Rack Accessories Surge Protector Power Strip, 6X Front and 8X Rear Ports, Rack Mount Power Distribution Unit Outlet Strip with 8Ft

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