

What are the power strips in a network cabinet called



Overview

Network Power Strips | Power Strips | Eaton
Designed for data centers and server rooms, where all connected equipment requires a stable power supply, these.

Key Takeaways

A network cabinet power strip is commonly called a "rack mount power strip" or a "Power Distribution Unit (PDU)."Overview

In IT and networking environments, a rack mount power strip or PDU is used to distribute electrical power to multiple devices within a server rack or network cabinet . Unlike standard household power strips, these units are designed for high-density equipment setups, providing reliable power, surge protection, and sometimes advanced monitoring features.

Types and Features

- Basic Rack Mount Power Strips: Simple strips with multiple outlets for powering servers, switches, and other network devices .
- Switched or Metered PDUs: Allow individual outlet control and monitoring of power usage, helping manage energy efficiency and prevent overloads .
- Intelligent or Smart PDUs: Offer remote monitoring, environmental sensors, and integration with data center management software for real-time power management .

- Vertical vs Horizontal Mounting: Power strips can be mounted horizontally across the rack or vertically along the side, depending on space and cable management needs .

Benefits

- Efficient Power Distribution: Consolidates multiple devices into a single power source.
- Surge Protection: Protects sensitive networking equipment from voltage spikes.
- Space Optimization: Reduces cable clutter and improves airflow within the rack.
- Scalability: Supports future expansion of servers and networking devices . In summary, when referring to a power strip for a network cabinet, the correct terms are rack mount power strip or PDU, with options ranging from basic to intelligent units depending on the level of monitoring and control required .

Article Content

Tips for Installing Power Strips in Server Cabinets

Learn how to install a server cabinet power strip effectively for safe, efficient operation, improved cable management, and reduced

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

