

What does PDU mean in a network cabinet



Article Overview

A PDU, or Power Distribution Unit, is a device used in network cabinets to distribute electrical power to various IT equipment, ensuring efficient and reliable power delivery.

Overview of PDUs

A Power Distribution Unit (PDU) is essential in data centers and server rooms, designed to manage and distribute electrical power to multiple devices, such as servers, switches, and routers. Unlike standard power strips, PDUs are built to handle higher loads and provide advanced features that enhance power management and efficiency .

Types of PDUs

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Basic PDUs: These units simply distribute power from a single source to multiple outlets without any monitoring or management features. They are similar to traditional power strips but are designed for higher capacity and reliability .

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Intelligent PDUs (iPDUs): These advanced units offer features such as remote monitoring, power metering, and load balancing. They allow for real-time tracking of power consumption and can send alerts when power usage approaches critical levels, helping to prevent overloads and downtime

Article Content

Nov 15, 2025

Frequently asked PDU questions

Frequently asked PDU questions A Power Distribution Unit (PDU) is indispensable in modern server racks and data centres. But

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Power distribution FAQ | Eaton

What are best practices for maintaining and troubleshooting a PDU & does Eaton provide technical support? If in need of

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POWER & THERMAL PDU REFERENCE GUIDE A PDU, or power distribution unit, is an essential piece of kit to protect and power

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What Is a PDU in Data Centers and Why Is It Important?

A Power Distribution Unit (PDU) is a device that helps manage the flow of electricity within a data center. It takes

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Power Distribution Unit (PDU) Definition & FAQ's

Cabinet-Mounted PDUs Cabinet-mounted PDUs are installed inside a network or server cabinet. They distribute power to other

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What is a power distribution unit (PDU)?

A power distribution unit (PDU) is a device for controlling data center electrical power. The most basic PDUs are large

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What Is PDU In Networking?

Explore what is pdu in networking and the essential role of PDU in server rooms and data centers. Learn

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What Does PDU Mean in Electrical Terms?

What does PDU mean in electrical & network terms? Learn the definition, function, and why Power Distribution Units are vital for

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PDUs in Networking: Key Functions and Benefits Explained

Unlock the essentials of network power management with a guide on What Is a Pdu in Networking - your key to

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Power distribution unit

A power distribution unit (PDU) is a device fitted with multiple outputs designed to distribute electric power, especially to racks of

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Rackmount Power Distribution Unit (PDU) FAQs | Eaton

There is more to picking a rackmount power distribution unit (PDU) than getting the right number of outlets. Get answers to the most

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Definition of power distribution unit | PCMag

What does power distribution unit actually mean? Find out inside PCMag's comprehensive tech and computer-related encyclopedia.

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What is a Protocol Data Unit (PDU)? | Definition from TechTarget

A protocol data unit, or PDU, is an exchange unit between networks. Learn what a PDU is and how it enables

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Understanding PDUs in Data Centers

Data centers require consistent, reliable power distribution to keep servers and network equipment operating without

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What Is a PDU? Power Distribution Unit Basics

A power strip is a great example as a basic PDU, meaning it powers multiple devices using the current of a single power source,

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Why is PDU Important in Data Centers? | CHINT global

PDU is used in data centers distribute, monitor, and control power to servers, computers, and other equipment leading

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PDU Power

A Power Distribution Unit (PDU) is a specialized electrical device designed to distribute power from a single input source to multiple

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Frequently asked PDU questions

PDU stands for Power Distribution Unit. It is the heart of the power supply within a server rack or other IT installation. A PDU ensures

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What is Rack PDU and Types

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

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What Is a PDU? Power Distribution Unit Explained

PDU's range from simple multi-outlet strips to sophisticated units that let you monitor energy use and remotely control

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What Is a PDU? Power Distribution Unit Explained

PDU in Networking: Protocol Data Unit In a completely different context, PDU stands for protocol data unit, a term

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What is a Cabinet PDU and How Does it Work

A cabinet PDU efficiently distributes power to IT equipment, ensuring reliability, load balancing, and energy optimization in data

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What Is a Cabinet PDU and Why ESTEL Leads the Market

A cabinet PDU ensures efficient power distribution in data centers, enhancing uptime, energy efficiency, and

Oct 23, 2025

4 Types of PDU in Data Centers: Overview and Features

In practical terms, PDUs sit at the intersection of power delivery and IT operations, making them a key enabler of both

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Quick Guide to Power Distribution Unit (PDU)

A power distribution unit, also known as PDU, refers to a device fitted with multiple outputs designed to control and

Contact Us

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