

Dual-input intelligent power distribution cabinet in the computer room



Overview

A dual input PDU is a specialized smart PDU rack mount solution designed to enhance power redundancy and ensure reliability in IT environments. It connects to two independent power sources, allowing seamless switching during power failures. Managing and installing a rack power distribution unit (PDU) has never been easier than with the EL2P PDU. These PDUs are typically used in large data centers for both raised and non-raised floor applications, where they receive incoming power and distribute it to individual racks or groups. From basic PDUs, to monitored and switched rack power distribution units, to locking receptacles, Vertiv's solutions will offer the power distribution you need, as well as remote monitoring and management of your assets' power usage, so you can rest assured everything is running at peak. The PDU provides efficient and reliable power distribution capabilities, ensuring maximum uptime of IT equipment through intelligent features.



Article Content

Feb 03, 2026

Uncovering the Secrets of Power Distribution Cabinets:

Explore power distribution cabinets! This comprehensive guide unveils secrets of PDUs, electrical centers, and power distribution in data centers.

Jun 04, 2026

Understanding Dual Input PDUs and Their Functionality

What is a Dual Input PDU? A dual input PDU, or dual input power distribution unit, is a specialized device designed to distribute electrical power to multiple devices

Sep 28, 2025

EL2P Intelligent Power Distribution Unit

Managing and installing a rack power distribution unit (PDU) has never been easier than with the EL2P PDU. Designed to simplify deployment and take stress out of

May 13, 2026

Design of Intelligent Power Distribution Cabinet Based on Intelligent ...

Based on the current status of the development of power distribution cabinet, as well as the current intelligent power network technology and intelligent equipment needs, this paper through the analysis

Oct 20, 2025

A Design Method of Intelligent Power Distribution Room

Abstract The power distribution system is becoming intelligent supported by using the ubiquitous Internet of Things and a power distribution room. As the terminal of the power grid, the power distribution

Apr 23, 2026

Data Center Rack Power Distribution Explained: CEE

Learn how power flows inside modern data center racks—from facility power to rack PDUs. Discover how E-abel server cabinets and CEE connectors

Feb 11, 2026

Data Center Rack Power Distribution Explained: CEE

This article explores how power is connected inside modern data center racks, examining the flow of electricity from facility power feeds to rack

Jun 29, 2025

Cabinet Power Distribution Units (PDUs) for Data

Overall, cabinet PDUs provide a highly efficient and space-saving power distribution solution for server cabinets and enclosures in data centers, server rooms, and

Jul 10, 2025

Distribution cabinet

The Protect Integrated power distribution cabinet integrates the power supply and distribution system of the server room (ATS/MCCB, air conditioning distribution, lighting distribution, UPS power supply,

Aug 12, 2025

Room Power Distribution

Room Power Distribution Ranges Galaxy Power Distribution Centralized 3 phase power distribution adaptable to the needs of any size data center Cabinet Power:

Sep 09, 2025

iTalent Series Dual Row Cabinet Data Center

iTalent series dual row cabinet data center adopts modular design, integrating power supply and distribution system, air conditioning system, cabinet system, closed aisle system, monitoring system

May 26, 2026

Intelligent precision power distribution system

Overview: PLS-DP series of intelligent precision power distribution Cabinet series products include: power, UPS input, output, counter, three varieties of Cabinet. It is not just a distribution Cabinet,

Jun 20, 2026

The Design and Implementation of the Power Distribution

This paper described a kind of designation method to the power distribution system in the modern computer room pared with the traditional power supply socket, The Power Distribution

Aug 10, 2025

DC Power Distribution

The ENERGY MANAGER SERIES from ICT is a 2U, intelligent 300-amp dual-feed DC distribution panel for negative 48-volt DC applications, providing remote

Oct 11, 2025

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 power strips without surge protection. They are designed to provide

Nov 20, 2025

Dual Input PDUs: Benefits and Drawbacks Explained

Dual input PDUs allow you to distribute power loads evenly across two sources. This reduces strain on individual power feeds and extends the lifespan of your

May 03, 2026

PDU Power Distribution Units | PDU Series

CyberPower Power Distribution Units (PDUs) distribute network power to multiple devices. PDUs deliver AC power from an uninterruptible power supply (UPS), a

Oct 01, 2025

EL2P Intelligent Power Distribution Unit

EL2P PDUs optimize rack power distribution in hyperscale, colocation, and edge environments enhancing monitoring, security, and space efficiency. Ideal for

Jan 19, 2026

High Density PDUs for Data Centers

Explore nVent's range of high AMP PDU products tailored for AI applications. These solutions offer robust power capabilities, ensuring that your critical systems

Jan 11, 2026

Understanding Dual Input Power Distribution Units

Dual input power distribution units ensure uninterrupted power by switching between two sources, offering reliability, load balancing, and real-time monitoring.

Dec 15, 2025

IPDU Intelligent Power Distribution Unit

By leveraging intelligent features such as remote monitoring, metering, switching, and environmental sensing, an Intelligent PDU enables data center administrators to optimize energy usage, minimize

Oct 10, 2025

the cabinet PDU work

In view of the 7*24 hours operation requirements of IDC data centers and the increasing attention to power efficiency, rack PDU (Power Distribution

Jun 06, 2026

Power Distribution Unit (PDU) for Data Centers

Increasing rack power density both in the data center and at the network edge means that reliable power distribution is crucial. Our innovative power distribution units and rack PDUs not only maintain power,

Mar 23, 2026

Cabinet & floor standing PDU solutions

Beyond the capabilities of a power strip, a rack PDU offers a range of intelligent features to help control the power distributed to IT devices. Rack PDUs are used in 120V, 200-240V and other environments

Feb 01, 2026

Intelligent PDUs | Smart Power Distribution Units

Intelligent pdus with inlet and outlet monitoring and switched sockets from the Server Room Environments range of power distribution units.

Jul 25, 2025

PDUs | Power Distribution Unit for Server Racks

At Data Room Direct, we supply high-quality Power Distribution Units (PDUs) designed for network cabinets, server racks, and data centres. Whether you need

Contact Us

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