

Vertical PDU power distribution unit



Summary of Content

A vertical PDU is a space-saving, rack-mounted power distribution unit designed to deliver, monitor, and control power efficiently in data centers, industrial, and AV environments.

Overview

Vertical PDUs are designed to be mounted on the rear or side wall of a server rack, unlike traditional 19-inch horizontal PDUs, which occupy rack height units. This vertical installation saves space, improves cable management, and allows more room for servers, switches, and storage systems. They are widely used in data centers, industrial setups, medical AV systems, and other critical environments where reliable and organized power distribution is essential.

Key Features

- **Metered and Switched Outlets:** Some vertical PDUs allow individual outlet switching and input-side power measurement, enabling monitoring, troubleshooting, and energy savings by turning off unused devices.
- **High-Density and Individually Fused Outlets:** Units can feature high-density IEC connectors with individual fuses and status LEDs, isolating faulty equipment without affecting other devices.
- **Flexible Mounting:** Vertical PDUs often include tool-free or slot-nut mounting options, allowing quick installation in racks with fixed angles or Zero-U configurations.

Article Content

PDU Power Distribution Units | PDU Series

Each Metered PDU has a digital LCD meter for real-time load monitoring. Series features include durable metal housing,

Power Distribution Unit (PDU) for Data Centers

From basic PDUs, to monitored and switched rack power distribution units, to locking receptacles, Vertiv's solutions will offer the

AP6009A

The PDU features 20 IEC 60320 C13 outlets and 6 IEC 60320 C19 outlets,

Rack PDU | Power distribution units for server racks | Eaton

Providing reliable and cost effective power distribution, the Basic PDU offers IEC outlet grips, tool-less installation in server racks,

Vertical Power Distribution Unit | TSL

TSL's Vertical Power Distribution Unit delivers space-saving, reliable power for broadcast and IT racks, with robust design and easy

Vertical PDU - Briticom

Briticom® Vertical PDU allows the distribution of power to equipment in cabinets and racks. All our PDUs have passed the highest

Vertical PDUs vs. Horizontal PDUs | Enconnex

Learn the differences between vertical PDUs and horizontal PDUs. Get information on use cases and terminology

Metered & Switched Vertical PDU

Vertical power distribution units (PDUs) are specially designed for mounting on the rear or side wall of a rack. Unlike classic 19"

Rack PDU

Explore rack-mounted, vertical, horizontal, intelligent, and surge-protected PDUs for server racks. Perfect for IT and data centers,

AP6009A

The PDU features 20 IEC 60320 C13 outlets and 6 IEC 60320 C19 outlets, providing ample connections for IT equipment. It includes

Power Distribution Unit PDU

The Rittal PDU (Power Distribution Unit) combines flexibility with reliability and is the perfect choice for power

Contact Us

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