



# Intelligent Equipment PDU

## Preview

An intelligent PDU, also known as smart PDU, goes beyond distributing power to IT equipment within the data center. With data centers becoming more dynamic and complex, intelligent PDUs have become. Data center PDUs distribute power from UPS or utility-backed systems to rack equipment. This guide explains PDU types, key features, deployment styles, and how to choose the right unit for uptime, monitoring, and power efficiency. A PDU (Power Distribution Unit) in a data center distributes. Intellinet PDUs (Power Distribution Units) and rack power strips provide a reliable solution for power distribution in network cabinets, server racks, and professional IT infrastructures. Whether that means speeding up Saturday installs or focusing on. An Intelligent Power Distribution Unit (iPDU), also known as a Smart PDU or Intelligent PDU, is a critical component in modern data center infrastructure.

Quick Answer A PDU (Power Distribution Unit) in a data center distributes electrical power

Intelligent PDUs can provide power and energy usage information including Amps, Voltages, Power Factor, kVA, KW and kWh with a

An intelligent PDU, or smart PDU, goes beyond distributing power to data center IT equipment. It is capable of monitoring, managing,

The rack power distribution unit (PDU) is a foundational building block of the modern data center, transforming high capacity raw

W Series 1-Phase intelligent PDUs can be integrated with your rack to provide power management, including monitoring of individual

Server Technology rack PDUs range from Smart to Switched and Monitored Per Outlet. Input power options include AC and DC, with

Switched, metered and monitored Smart PDU solutions for data centers, telecom and industrial applications. Remote outlet control,

Changing your location may affect product availability. Certain products may not be available in all international regions. Current

Why Choose an Intelligent PDU? Rack power in data centers are the key to realize efficiencies with existing resources and reduce

With 4 to 15 outlets, our PDUs provide tailored power distribution for servers, switches, UPS systems, and other IT equipment.

When choosing a PDU, it's essential to evaluate: Power Capacity: Ensure the PDU can handle the power requirements of all

Explore different PDU types used in data centers, including basic, metered, monitored, switched, and intelligent PDUs.

In rack-level power distribution, the basic role of a power distribution unit is straightforward: deliver electricity from

Optimising energy costs in data centres is therefore becoming increasingly important for companies - IT managers can use an

Introduction Power distribution units (PDUs) are essential pieces of equipment that are used to distribute power from

The primary function of an Intelligent rack PDU is to distribute power to various IT equipment housed within server cabinets or racks.

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