Intelligent PDU Individual Control



Overview

Raritan intelligent PDUs (iPDUs) allow you to control the power of a single PDU or a group of PDUs, down to the individual outlets. iPDUs serve as a centralized power management solution that enhances the efficiency, reliability, and monitoring capabilities of power. With up to 21 intelligent programmable breakers with a rating up to 125 amps, the SMART PDU I- type, with its 1U design, is compact, hot swappable, and built to meet safety standards. Grow your network, not your headaches. Remote power control, real-time energy metering, SNMP/Modbus integration, global certifications and OEM/ODM support. Unlike basic PDUs, you don't need to be physically present in the facility. PDU. Managing and installing a rack power distribution unit (PDU) has never been easier than with the EL2P PDU. Whether that means speeding up Saturday installs or focusing on. Smart PDU I-Type is a compact 1U DC distribution with intelligent plug-in breakers suitable for applications where individual power and energy monitoring is required for each breaker output.

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Article Content

SMART PDU I-type

With features such as individual power monitoring, remote control, and programmable settings, the Smart PDU I-Type offers telecom operators or tower companies advanced tools to manage power

Smart PDU Solutions | Intelligent Power Distribution Units

Individual outlet control lets you power cycle specific devices without affecting others. Track current, voltage, power factor, and energy consumption in real time. Per-outlet metering enables accurate

PDU Remote Power Control

PDU Remote Power Control Raritan intelligent PDUs (iPDUs) allow you to control the power for a single PDU or a group of PDUs, down to the individual outlets. Unlike basic PDUs, you don''t need to be

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

Smart PDU I-Type

Smart PDU I-Type is a compact 1U DC distribution with intelligent plug-in breakers suitable for applications where individual power and energy monitoring is required for each breaker output.

Smart PDU Architecture Guide (Intelligent Rack Power Distribution)

This guide explains how intelligent rack power distribution systems are designed, deployed, and integrated into broader electrical and monitoring architectures.

Intelligent PDUs | Smart Power Distribution Units | Server Room ...

Intelligent PDUs provide the highest levels of power management and control. A network management controller (NMC) built into the PDUs provides local and remote metering information for the complete

What is an Intelligent PDU?

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

Smart PDU — remote power control with short-circuit protection

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Set individual current consumption thresholds for each output and notify administrators or automatically turn off power to consumers who exceed the set threshold. This in turn protects against possible

Panduit SmartZone G5 Intelligent P24D03M | Omnixon Global

The Panduit SmartZone G5 Intelligent PDU 24-Outlet 30A 208V Monitored from Panduit is enterprise-grade Rack PDUs hardware built for data centers. The Panduit SmartZone G5 Intelligent PDU is a

Panduit SmartZone G5 Intelligent P30D06M | Omnixon Global

The Panduit SmartZone G5 Intelligent PDU is a 0U rack-mount power distribution unit designed for high-density data center environments requiring outlet-level visibility and control.

Data Center Power Management, DCIM Software, and

PDU Setup and Management Power Capacity Planning Power Monitoring Security at the Rack Smart Rack The True Power of an Intelligent PDU Three Phase

10 Best Rack-Mounted Smart Power Distribution Units (June 2026)

A basic PDU functions as an intelligent power strip, distributing electricity to multiple outlets without monitoring or control capabilities. Smart PDUs add network connectivity and

Data Center PDU Market Size, Share & Trends

The high initial cost associated with intelligent and advanced PDU systems remains a major restraint for the data center PDU market share. Intelligent PDUs equipped with remote monitoring, outlet-level

FS Intelligent PDUs for Enhanced Power Management

Intelligent PDUs play a critical role in data centers, providing real-time monitoring, remote management, and precise power control. As rack densities and power demands increase, selecting

Intelligent PDUs | Smart PDUs | Power Management

EDP Distribution offers many intelligent PDUs, or Power Distribution Units, that can be monitored or switched. An intelligent PDU enables power monitoring that can

Intelligent PDUs: Types, Benefits, and Metering Levels

Compare intelligent PDU types—basic, metered, monitored, and switched—and learn how outlet-level metering and remote access improve

Smart vs. Dumb PDUs

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Intelligent PDUs (iPDUs) / Smart PDUs: These are the most advanced types of PDUs, offering comprehensive remote monitoring and control down to the individual outlet level.

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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

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