



Smart PDUIP68 Ordering

Article Overview

Smart PDUs with IP68 rating are available for industrial and data center applications, offering remote monitoring, outlet control, and environmental protection.

Overview of Smart PDUs

Smart PDUs (Power Distribution Units) provide intelligent power management for critical IT, telecom, and industrial equipment. They typically include features such as:

- o Remote power control and individual outlet switching
- o Real-time energy metering (current, voltage, power factor, energy consumption)
- o Environmental monitoring (temperature, humidity)
- o Integration with SNMP, Modbus, RESTful APIs, and DCIM systems
- o Automatic Transfer Switch (ATS) functionality for redundant power assurance
- o Global certifications including UL, CE, CCC, and RoHS compliance

IP68-rated Smart PDUs are designed for dust-tight and water-resistant environments, making them suitable for harsh industrial or outdoor installations.

Ordering Considerations

When ordering a Smart PDU, consider the following:

- o Form Factor and Mounting: Rack-mounted (19" 1U/2U) or vertical (42U) units depending on your infrastructure .
- o Outlet Type and Count: C13, C19, or mixed outlets; number of outlets per unit (e.g., 8-port or 48-outlet configurations), .
- o Input Power Rating: Single-phase or three-phase, voltage and current ratings (e.g., 32 A, 400 VAC), .
- o Monitoring and Control Features: Per-outlet metering, threshold alerts, ping-based auto-reboot, and scheduled power sequences .
- o Environmental Protection: Ensure the PDU is IP68-rated for water and dust resistance if required for outdoor or industrial use.
- o OEM/ODM Options: Some manufacturers offer custom outlet configurations, colors, and features .
- o Supplier and Lead Time: Stock levels may fluctuate; confirm availability and delivery times with distributors or directly with manufacturers .

Recommended Suppliers

- o Smart-PDU.com: Offers globally certified intelligent PDUs with remote monitoring, metering, and



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OEM/ODM services .

- o nVent Schroff: Provides modular intelligent PDUs with inlet metering and industrial-grade designs .

- o Intellinet Network Solutions: 19" 8-port intelligent PDUs with environmental monitoring and web interface control, available through European distributors and online retailers .

Ordering Steps

- o Select the PDU model based on your power, outlet, and environmental requirements.

- o Verify IP68 rating if required for your installation environment.

- o Check stock availability and lead times with the supplier.

- o Request a quotation if needed, especially for commercial or bulk orders.

- o Place the order through the manufacturer's website, authorized distributor, or reseller.

- o Arrange shipping and installation, considering packaging, freight, and local regulations .

By following these steps and considering the specifications above, you can ensure that your Smart PDU meets both operational and environmental requirements for your infrastructure.

Shop smart PDUs at Server Racks Online. Explore intelligent rack-mounted PDUs with remote monitoring, power metering, and

6. TCP/IP Control The Smart PDU SP7040200 can be controlled via TCP/IP commands as well as via web interface/ GUI (section 5).

Smart PDU Operating Manual / API document Manual version 1 / For PDU software version S1.05, S1.06
Applies to PNs: MS-PDU2

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

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

SmartPDU for reliable power distribution in the rack Intelligent PDU for monitoring and controlling energy consumption

Depending on requirements, PDUs with CEE 7/3, C13, or BS1363A outlets, as well as Smart PDUs with

A smart PDU provides both real-time power usage data from metered PDU and the ability to remotely control the power on/off for



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Smart PDU Server Technology Smart PDUs provide remote access to power, PDU status, and environmental monitoring. Local input

Grow your network, not your headaches. Delta's SMART PDU I-Type allows for up to 21 intelligent, programmable breakers, giving

The SmartZone G5 PDUs monitor the data center power and environment by continuously scanning for electrical circuit overloads

Server Technology Smart PDUs can be purchased with our award-winning HDOT (High Density Outlet Technology), Cx outlets, and

Our comprehensive range of Smart nVent iPDUs, is designed to transform the way you manage power in your data center. nVent is

iPower ACU - Advanced Control Unit PDU Smart PDU with a host of features and benefits iPower ACU is

Meross Smart Home Products. Works with Matter, Apple HomeKit, Apple Siri, Amazon Alexa, Google Assistant and SmartThings.

Shipping calculated at checkout. The Intellinet Network Solutions 19" Intelligent 8 Port PDU provides your

Web: <https://www.supremeacademicresearch.co.za>

