

Intelligent PDU Interface



Overview

Reduce your OPEX by daisy-chaining up to 31 base PDUs downstream to a node PDU to save switch ports connections. User-friendly and responsive Web User Interface. Data aggregation capabilities in DCIM. Generate Instant Quote – Create and download quotes instantly for review or approval. Modular, compact intelligent PDU with inlet metering. The intelligent PDU provides data center professionals with remote network access to. iPower ACU is a 3rd generation of intelligent PDUs design to aid Data Centre power management. The range consists of four models offering various levels of power monitoring and power switching features, and can be manufactured as single, dual or 3-Phase with a choice of socket types and mains lead. An Intelligent Power Distribution Unit (iPDU), also known as a Smart PDU or Intelligent PDU, is a critical component in modern data center infrastructure. iPDUs serve as a centralized power management solution that enhances the efficiency, reliability, and monitoring capabilities of power. Supplied with a hot swappable full IP controller (NODE) with LCD screen to manage and view information locally, and with a Ethernet port for connection to LAN and remote control. Easy installation thanks to the 330° rotating cable input for a perfect orientation of the cable and no interference in. The Intelligent PDUTM provides network-grade power distribution, remote/local monitoring, and outlet control. Power status can be monitored over the network, using the NetAgent.



Article Content

Hot

Monitoring the power status using the Intelligent Switched PDU

You can monitor the power status of any device that is connected to the PDU, either locally or remotely, by using the PDU web interface or the IBM PDU Configuration Utility. You can also use IBM Systems

Apr 06, 2026 Hot

Intelligent (Smart) PDUs vs. Basic PDUs | Enconnex

Learn the differences between intelligent & basic power distribution units from the power experts at Enconnex. Discover when to use smart PDUs vs. basic PDUs.

Dec 18, 2025 Hot

Intelligent PDU Datasheet

An Intelligent PDU allows for remote management, monitoring of PDU vitals, and control of outlets and networked clients. Power status can be monitored over the network, using the NetAgent

Sep 04, 2025 Hot

Intelligent PDU, metered (Node version), Zero-U, 1

Reduce your OPEX by daisy-chaining up to 31 base PDUs downstream to a node PDU to save switch ports connections. User-friendly and responsive Web User

Mar 07, 2026 Hot

ES2P Intelligent PDU User Manual V1.0

PDU Controller All Panduit Intelligent PDUs feature a Rotatable or Hot Swappable Intelligent Network Controller (iNC). This centralized piece of intelligent hardware receives an IP address, contains a

Dec 01, 2025 Hot

Intelligent PDU: Smart Power Management for Data Centres

Intelligent PDUs address each of those gaps by embedding measurement circuitry, environmental sensors, and a network interface into the PDU chassis itself — pushing actionable

Mar 26, 2026 Hot

User Manual

Product Features The Power Distribution Unit (PDU) may be used as a stand-alone, network manageable power distribution device. The PDU provides real-time remote monitoring of connected

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Smart PDU's - Intelligent Power Management | nVent

Types of Smart PDUs Explore a diverse selection of Intelligent PDUs, including Enlogic PDUs, tailored to suit your unique requirements. From basic monitoring to

May 12, 2026 Hot

What is an Intelligent PDU?

Intelligent PDUs also provide data center managers with the ability to access the PDU remotely through the network interface or serial connection to monitor power consumption and configure user-defined

Jun 07, 2026 Hot

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.

Nov 08, 2025 Hot

1-Phase Intelligent PDU | Austin Hughes

W Series 1-Phase intelligent PDUs can be integrated with your rack to provide power management, including monitoring of individual outlets or top-level circuits.

Apr 21, 2026 Hot

iPower ACU | Intelligent PDU | Smart PDU

iPower ACU is the 3rd generation of iPower intelligent PDUs designed to aid Data Centre power management. It has an Advanced Control Unit powered by an

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Intelligent PDUs

Intelligent PDU, also known as smart PDU, goes beyond distributing power to IT equipment within the data centre. It is capable of monitoring, managing, and

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Everything You Need to Know About Intelligent PDUs

Key Features of Intelligent PDUs Intelligent PDUs can be monitored remotely via web-based interfaces, SNMP, or other management systems. This allows you to monitor power usage

Dec 25, 2025 Hot

What is a Smart PDU, the Difference Between a Basic

This post provides a introduction to smart PDU, and the difference the between a basic and intelligent PDU.

Mar 07, 2026 Hot

Smart PDU | Intelligent Power Management Solutions

Remote power control solutions for data centers, telecom & industrial sites. Intelligent PDU with real-time monitoring. Factory-direct, globally certified.

Aug 30, 2025 Hot

FS Intelligent PDUs for Enhanced Power Management

Conclusion 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

Oct 31, 2025 Hot

Intelligent Power Distribution Units

Intelligent Power Distribution Units Elevate Efficiency, Secure Sustainability: The Revolution Starts Here View all PDU Products

Oct 25, 2025 Hot

Intelligent PDU | nVent DATA-SOLUTIONS

Modular, compact intelligent PDU with inlet metering. Ultra-Low Profile Design. Reduce IP addresses by Daisy Chaining up to 64 PDU's.

Dec 21, 2025 Hot

iPower ACU | Intelligent PDU | Smart PDU

Categories: Intelligent PDUs, Power & Monitoring, Power Distribution Description Features & Benefits Part Numbers Video PDF Downloads iPower ACU -

Jun 16, 2026 Hot

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

Jul 27, 2025 Hot

Intelligent PDU User Manual v1

Connecting the PDU to a LAN provides communication through an Internet or Intranet connection enabling monitoring and control over the intelligent power distribution unit.

Aug 04, 2025 Hot

iX7™ PDU Controller

iX7™ PDU Controller More Capabilities, More Features, More Power Watch the video below to see how the latest PX intelligent PDU controller, the iX7™, delivers unsurpassed reliability, more efficient

Jul 16, 2025 Hot

IPDU Intelligent Power Distribution Unit

One of the key advantages of an iPDU is its ability to provide remote access to critical power-related data. Through integrated network interfaces, data center administrators can remotely monitor power

Apr 17, 2026

Contact Us

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