

# Intelligent PDU Monitoring Module



## Overview

Intelligent Power Distribution Units - switched, metered and monitored PDUs for data centers, telecom and industrial applications. Remote power control, real-time energy metering, SNMP/Modbus integration, global certifications and OEM/ODM support. From basic reliable power distribution to advanced. 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. What is an Intelligent PDU?

There are two types of Power Distribution Units (PDUs), the basic type and the intelligent type. nVent is the world leader in OEM smart iPDU design and manufacturing.



## Article Content

### Monitored PDU

CLEVER IP-PDU is an entry level intelligent PDU which offers reliable power distribution and metering at inlet level and support environment monitoring at the same time. Hot-swap monitoring module

### G5 Intelligent Power Distribution Units (iPDUs)

OVERVIEW The G5 iPDU shall monitor the data center power and environment (at the rack or cabinet level), by continuously scanning for electrical circuit overloads, and physical environmental

### 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

preview atsworth

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

### iPower ACU | Intelligent PDU | Smart PDU

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

### Intelligent PDU | nVent DATA-SOLUTIONS

Changing your location may affect product availability. Certain products may not be available in all international regions. Current Selected Country: United States |English . Africa . Asia . Europe . Latin

### Intelligent PDU

PDU Details The Olson intelligent remote monitoring and control PDU is a modular system which comprises a main monitor module with a built-in graphical display

### Intelligent PDU Features and Pricing Explained Simply

Understand intelligent PDU features like remote monitoring, energy analytics, and pricing factors. Learn how they optimize power management and reduce costs.

### Intelligent PDUs | Smart PDUs | Power Management

Intelligent PDUs enable Intelligent Power Management. With an Intelligent PDU you can remotely monitor power and identify where energy savings can be made.

### What Is an Intelligent PDU? | Data Center Glossary | Sunbird DCIM

Intelligent PDU Monitoring with DCIM Software Data Center Infrastructure Management (DCIM) software is often used to enhance many of the features and capabilities available with intelligent PDUs in an

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.

Firmware Updates for Intelligent PDUs: Why They Matter

Introduction Intelligent PDUs do far more than distribute electricity: they meter loads, report environmental data, enforce access controls, and connect rack power to monitoring and

Intelligent PDU Remote Monitoring Power Distribution Unit

The Soetec K series PDU is a remote-monitoring power distributor. Its software uses an embedded multi-threaded RTOS kernel solution, supporting multitasking and multi-user access. The software is

Smart PDU Solutions | Intelligent Power Distribution Units

Intelligent Power Distribution Units - switched, metered and monitored PDUs for data centers, telecom and industrial applications. Remote power control, real

Smart PDU's - Intelligent Power Management | nVent

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

Smart PDUs and AI-Based PDU Configuration

Organizations adopting intelligent power distribution today will be better prepared for tomorrow's high-density computing environments. FAQ - Smart PDU and AI PDU Configuration Q1:

SmartZone G5 Intelligent PDU

This intelligent power distribution unit is perfect for data center administrators and IT professionals who need monitored power distribution with advanced control capabilities.

Intelligent PDU Brochure

Power monitoring at the individual outlet level provides actionable management data on the power consumption of each connected IT device enabling the redeployment or decommissioning of

What is an Intelligent PDU?

Intelligent PDUs provide precise monitoring and control of energy consumption. They can give data center managers the information to right-size power infrastructure and eliminate unnecessary expense.

### Understanding Intelligent PDU Features for Better

Discover how PDU intelligent features like remote monitoring, energy analytics, and environmental tracking enhance power management and operational efficiency.

### Monitored PDU-Smart Power Distribution Units

Monitored PDU If you're looking for a monitored PDU solution, the Smart PDU from Server Technology offers input current monitoring on an easy-to-view LED, and

### EL2P Intelligent Power Distribution Unit (iPDU)

The EL2P iPDU is not only a power distribution unit and energy monitoring device — it is a game-changer for your data center. These cutting-edge iPDUs shall continuously monitor power and

### What is a power distribution unit (PDU)?

A power distribution unit (PDU) is a device for controlling data center electrical power. The most basic PDUs are large power strips without surge protection. They are designed to provide

### Powering AI: The Semiconductor Ecosystem at the Foundation of

Power supply management module (component A of figure 11) acts as the intelligent orchestrator of power distribution and monitoring within AI servers. PSMM systems help prevent overheating by

### 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

### Intelligent PDU Market Size, Share & 2030 Trends Report

Intelligent PDU Market Analysis by Mordor Intelligence The intelligent PDU market size is USD 3.52 billion in 2025 and is forecast to reach USD 5.53

### Intelligent Rack PDUs by Server Technology | Red Helix

Why Choose Server Technology PDUs? Server Technology's intelligent rack PDUs provide real-time power visibility and control with features such as outlet-level metering, environmental sensors,

## Contact Us

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