How much does a Palau-type intelligent PDU meter cost

Overview

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

Key Takeaways

A Palau-type intelligent PDU meter typically costs between $500 and $1,500, depending on features, outlet count, and monitoring capabilities.

Intelligent PD

Us, including Palau-type meters, are designed for advanced power management in data centers and IT environments. They provide outlet-level metering, remote monitoring, and energy tracking, which allows operators to optimize power usage, prevent downtime, and manage devices efficiently. The cost varies based on factors such as the number of outlets, supported voltage and current ratings, network connectivity options (Ethernet, Wi-Fi, Bluetooth), and integration with DCIM software.

Pricing Considerations

Basic Metered PD

Us: Entry-level units with outlet-level monitoring and standard remote management typically start around $500–$700.

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Advanced Intelligent PD

Us: Units with features like dual Ethernet ports, daisy-chaining, environmental sensors, and firmware management can range from $1,000 to $1,500 or more.

Cost-

Saving Alternatives: Using smart power cables with a basic PDU can reduce first-year costs by approximately 30% and subsequent years by up to 74%, offering a more budget-friendly option while still providing monitoring functionality.

Additional Factors

Outlet Type and Configuration: PDUs with mixed C13/C19 outlets or slide-locking mechanisms may cost more due to flexibility and safety features. Installation and Maintenance: Some intelligent PDUs allow hot-swappable controllers and zero-touch provisioning, which can reduce operational downtime but may increase initial cost. Customization: Vendors like Elcom and Panduit offer tailored solutions for high-density racks or industrial environments, which can affect pricing depending on the level of customization required.

In summary, while a Palau-type intelligent PDU meter generally falls in the $500–$1,500 range, the final cost depends on the specific features, outlet configuration, and integration requirements for your data center or IT setup.

Article Content

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.

Smart Rack PDUs

Shop smart PDUs at Server Racks Online. Explore intelligent rack-mounted PDUs with remote monitoring, power metering, and outlet control. Perfect for IT setups and data centers to optimize

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

Smart PDU

Discover smart PDUs with IP monitoring for data centers. Enable real-time control, remote management, and CE-certified reliable power distribution.

IPDU Intelligent Power Distribution Unit

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A Metered Intelligent PDU provides detailed insights into power consumption at different levels, including inlet-level and outlet-level metering. This level of granularity enables administrators to accurately

Power Distribution Units (PDU)

Available in basic, metered, and intelligent models, Austin Hughes PDUs provide real-time data on power usage, helping businesses reduce costs and maintain uptime.

Intelligent PDU Meter

A Power Distribution Unit (PDU) meter is a critical component in modern electrical and data center infrastructure, enabling efficient distribution and monitoring of electrical power to multiple devices.

Intelligent PDUs: Types, Benefits, and Metering Levels

In this post, we''ll explore the different types of intelligent PDUs, their key benefits, and how metering levels play a vital role in enhancing overall power management, efficiency, and reliability.

Rack PDU

Shop Rack Power Distribution Units (PDUs) at Server Racks Online. Explore rack-mounted, vertical, horizontal, intelligent, and surge-protected PDUs for server racks.

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

Choosing Your PDU Basic or Metered The 2025 Breakdown

Understanding these distinct PDU types is critical for achieving efficient data center operations. Selecting the appropriate PDU, such as a specialized 19″ cabinet PDU Denmark style, directly

What is a Smart PDU, the Difference Between a Basic and Smart PDU

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

Choosing the Right PDU for Your Data Center: Smart vs. Basic

Learn about considerations for selecting the ideal Power Distribution Unit (PDU) for your data center in this article to enhance your data center''s reliability.

Power Distribution Unit

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Optimising energy costs in data centres is therefore becoming increasingly important for companies – IT managers can use an intelligent PDU to monitor energy costs and what is causing them. necessary

PowerPak 2 EX | PP2 EX PDU | Eaton

The PowerPak 2 EX (PP2 EX) PDU is a compact, cost-effective power distribution solution, supporting applications from 300 to 625 kVA. Featuring a modular, flexible design, efficient performance,

A Cheat Sheet for Buying Your Next PDU

A Switched PDU distributes network-grade power and allows users to control outlets individually or collectively. A digital meter provides information on

Power Distribution Units

Panduit Integration Panduit''s integrated power management ecosystem is the intelligent core of your data center, with our PDU functioning as the pivotal connection point. This setup delivers a seamless

cs-178-project/imdb.vocab at main · apmalani/cs-178-project

Contribute to apmalani/cs-178-project development by creating an account on GitHub.

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

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