

High Temperature Resistant Supplier of Smart PDUs



AI Overview

Raritan NX1, nVent Enlogic, and Sipolar offer Smart PDUs rated for high-temperature operation, providing reliable power distribution and intelligent monitoring in demanding environments. Recommended Suppliers

1. Raritan NX1 Smart PDUs Raritan NX1 PDUs are engineered for high-temperature operation up to 60°C, making them suitable for extreme data center conditions. They feature hydraulic-magnetic circuit protection to prevent overloads, modular DCIM-agnostic design, advanced wireless technology, and best-in-class cybersecurity. NX1 PDUs allow flexible deployment, accurate monitoring, and simplified installation using a single Smart Node controller, supporting scalable and secure power management across demanding IT environments .
2. nVent Enlogic Smart PDUs nVent Enlogic PDUs are designed for high-performance and high-temperature environments. Their premium hydraulic-magnetic circuit breakers operate reliably under elevated temperatures. Enlogic PDUs provide advanced energy metering, environmental monitoring, remote outlet control, and overload protection. They integrate seamlessly with DCIM systems and offer flexible outlet configurations (C13/C15/C19/C21), ensuring robust and secure power management for critical infrastructure .
3. Sipolar Smart PDUs Sipolar supplies industrial-grade Smart PDUs with features suitable for high-temperature and high-density environments. Their PDUs include remote monitoring of electrical energy, temperature, and humidity, user-set alarm thresholds, hot-swappable meters, and surge protection up to 125 joules. These units support Ethernet/RS485 connectivity and dual RJ45 ports for cascading multiple PDUs, enabling efficient control and monitoring in large-scale deployments .
4. Additional Options Other suppliers, such as nVent's broader Smart PDU lineup and Smart-PDU.com, offer globally certified intell...

Article Content

1-Phase Intelligent PDU | Austin Hughes

With today's increasing demand for high technology power management solutions, a complete smart rack PDU solution and the associated software allow data center

Smart PDU Power Distribution Unit Supplier

Sipolar manufactures smart PDUs, saving both time and electricity for demanding data centers. We also provide OEM intelligent PDUs tailored to your needs.

Smart PDUs for High-Density Data Centers | Ethernetics

Next-generation smart PDUs with intelligent three-phase load balancing for high-density racks. Eliminate waste, unlock capacity, reduce OPEX and carbon emissions.

Data Center Power Distribution Units

Server Technology produces the highest quality Data Center rackmount power distribution units (PDUs) and monitoring solutions.

Server Technology Rack Power Distribution Units | Legrand

Server Technology rack PDUs range from Smart to Switched and Monitored Per Outlet. Input power options include AC and DC, with input current from 16 Amps to 100 Amps, and voltages from

PX4 Landing Page

The need for reliable power, monitoring, and intelligence has never been greater. The all-new Raritan PX4 Rack PDU doesn't just solve today's power needs; it

Smart PDU's - Intelligent Power Management | nVent DATA

Optimise power management with our Smart PDUs. Remote monitoring, control, and energy efficiency for seamless operations up to 100amp per unit.

Power Distribution & UPS Systems

Minimize network downtime and increase productivity with power, environmental, security, and connectivity hardware from Panduit. Find your solution today!

SmartPDU from 2-47 U: Efficient power distribution up

Discover robust PDUs for optimum power distribution, reliability and simple integration. Calibrated and with integrated rack monitoring.

IPDU Intelligent Power Distribution Unit

IPDU Intelligent Power Distribution Unit - 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

Top 10: Power Distribution Unit Companies | Data

A power distribution unit (PDUs) is a device for controlling electrical power within a data centre. This essential component plays a critical role in

10 Best Rack-Mounted Smart PDUs (June 2026) Expert

Discover the best rack-mounted smart PDUs for your data center. We tested 10 models for remote monitoring, power control, and reliability in 2026.

Smart PDU Solutions | Intelligent Power Distribution Units

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

SmartPDU from 2-47 U: Efficient power distribution up

IEC-Lock power cable, IEC60320 C19/C13, 16A, 250VAC Power supply cable with IEC60320 C19 to IEC60320 C20 plug, IEC-Lock interlock, cable: H05VV-F

Smart ePDUs for Data Centers

With high knowledge as a professional system supplier with more than 20 years of experience in design, installation and maintenance, you will find the optimal solution for your specific needs. Feel free to

High Quality Smart Power Distribution Unit, Smart Power Distribution ...

With features like load balancing, environmental monitoring, and advanced surge protection, Coolnet Smart PDUs help prevent power issues, improve system reliability, and reduce energy consumption.

PDU Modular Power Distribution Units Manufacturer

We provide a range of basic and smart PDUs with power switches, lightning protection, LCDs, overload protection, and remote monitoring and control. You

Smart PDU (Power Distribution Unit)

Canovate Smart PDU Solutions Canovate provides cutting-edge Smart PDU solutions designed to maximize efficiency, security, and performance in energy

Raritan NX1 Smart Power Distribution Units | Legrand

Engineered with hydraulic-magnetic circuit protection to prevent overloads and rated for high-temperature operation up to 60°C, it ensures consistent performance even under extreme conditions.

Functional differences and application scenarios of intelligent PDU and ...

Industrial scenarios have high requirements for equipment stability and safety, and the high temperature resistance and dustproof characteristics of smart PDUs can meet these

Power Distribution Units

Take energy management to the next level with Panduit PDUs. Designed to protect both on-premises and remote environments, our PDUs not only optimize power

Air Hose Market Report | Global Forecast From 2025 To 2033

Temperature fluctuations in tropical Southeast Asian climates and high-humidity environments necessitate specialized rubber compounds and corrosion-resistant hybrid formulations, driving

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.introspec.co.za>

Email: info@introspec.co.za

Phone: +27 73 849 2156

Address: 25 Riebeek Street, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

