ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Customization process for high-temperature resistant rack power distribution system for supercomputing center



Overview

Customization options include structured cable management, tailored cooling solutions and integrated power distribution. As rack densities have increased to support AI and HPC workloads, these custom features have become essential for managing thermal loads and power delivery during. Building upon decades of experience in supplying the worldwide leaders of AI, HPC, and OEM companies with rack PDUs (rPDUs) tailored to their exact specifications, Vertiv™ PowerIT rPDUs have the precise solutions for all rack applications. We are here to support your new rack PDU design, based on. The rise of artificial intelligence (AI) and high-performance computing (HPC) applications is driving rapid growth in the power distribution unit (PDU) market, which is projected to grow at a 15. 1% CAGR from 2023 through 2028. Whether you're looking for specific voltage, current, or outlet configurations, or need to fit a specific space constraint, we'll craft a. Legrand's Raritan® and Server Technology® brands are the global leaders in intelligent rack power distribution units (rack PDUs). From high-tech startups to hyperscale critical facilities, they are regarded as the standard in powering, monitoring, and managing critical infrastructure. Eaton understands that every data center is different.



© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Article Content

Eaton Rack PDU G3+ Brochure

Eaton''s hot-swap control module can be replaced without the need to power down your rack. Increase uptime while enhancing service ability and saving on unnecessary service calls.The menu-driven

Rack Mount Power Management Systems | Solutions for High-Density ...

E-T-A''s rack mount power management systems deliver reliable, space-saving power distribution for telecom, data centers, and industrial control systems. Scalable, modular, and built for performance.

Contact Us

Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

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

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved