

Integrated power cabinet cold aisle high-precision manufacturer



Overview

Server Racks, Data Center Cabinets & Power Units | ChatsworthExplore high-performance server racks, data center cabinets, and power distribution solutions.

Key Takeaways

Leading manufacturers of integrated power cabinets for cold aisle, high-precision data centers include Coolnet Power, Soeteck, and Shenzhen Dianjitong Network Technology, offering modular, energy-efficient, and intelligent solutions.

Coolnet Power

Coolnet Power specializes in precision air conditioning, UPS power systems, and micro data center solutions. Their integrated power cabinets are designed for high-density GPU racks and large-scale computing centers, featuring dual independent power sources, N+1 UPS configurations, and advanced fluorine pump cooling for both in-row and room-level applications. Coolnet emphasizes eco-friendly, stable, and efficient cooling, making their solutions suitable for AI and big data computing centers in China and globally (Web result).

Soeteck



Soetek provides modular data center solutions with integrated cabinets, cooling, and power distribution. Their systems support cold aisle, hot aisle, and combined containment, with options for rotating, automatic, or manual sliding doors. Soetek cabinets feature high-efficiency integrated power distribution, fault-tolerant design, and seismic-tested enclosures, enabling rapid deployment, flexible expansion, and precise energy monitoring.

Their modular architecture allows single-row or double-row configurations to optimize airflow and maintain low PUE (Web result). Shenzhen Dianjitong Network Technology Co., Ltd. Shenzhen Dianjitong offers Xensure modular data center solutions, integrating power supply, distribution, cooling, cabinets, aisle closure, cabling, and intelligent management.

Their products include XS cabinet integrated data units, XM micro-module solutions, and XL medium-to-large data center solutions. The company emphasizes green energy-saving design, modularity, and rapid deployment, with production capabilities including CNC cutting, bending, welding, and assembly. Their cabinets are widely used in communication, power, transportation, and environmental monitoring sectors (Web result).

Key Features Across Manufacturers

Modular and scalable design for flexible deployment and expansion
Cold aisle containment to maintain uniform, high-precision cooling
Integrated power distribution with UPS and fault-tolerant configurations
Intelligent monitoring for energy consumption, environment, and security
Rapid deployment with pre-fabricated or pre-configured components
Seismic and safety compliance for high-reliability operations
These manufacturers provide turnkey solutions for small, medium, and large data centers, ensuring high reliability, energy efficiency, and precise environmental control. For inquiries or product demonstrations, contacting the companies directly via their official channels is recommended.

Article Content

Server Racks, Data Center Cabinets & Power Units | Chatsworth

Explore high-performance server racks, data center cabinets, and power distribution solutions from CPI. Optimize space, cooling and uptime today.

Integrated Energy Cabinet Cold Aisle High-Precision Manufacturer

AITAF provides end-to-end optical communication solutions, structured cabling, ODN, optical modules, fiber testing instruments, data center networks, base station energy, smart city communications, and

KabinPLUS Aisle Containment Solutions

Cold Aisle Containment for rack cabinets with single or double sliding doors and sliding roof frame units fabricated out of aluminium, with polycarbonate panel

iTalent Series Modular Data Center Solution-INVT Power

It's applicable to indoor data center scenarios, integrating power supply and distribution system, cooling system, cabinet system, closed aisle system,

Cabinet Modular Data Center

The cabinet modular data center provides an integrated solution for power distribution, cooling management, fire safety, and structured cabling. It is designed to offer safety, reliability, and

Hot & Cold Aisles Modular Containment Data Center

- High-efficiency integrated power distribution and closed cold and hot aisles, leading in power density and energy efficiency in the industry.
- Supports various

iWit Series Single Row Data Center

Single Row Data Center, iWit Series is modular-designed and the power supply and distribution system, in-row precision cooling and dynamic environment monitoring system into cabinet with closed hot

Data Center Infrastructure Solutions | Cabinets, Power & Cooling ...

Chatsworth Products (CPI) can help you realize – and capitalize on – unused capacity in your site. CPI's integrated ZetaFrame® Cabinet System is the groundwork for you to successfully deploy high

NEMA Enclosures & Integrated Solutions

Whether for remote telecom stations, solar hybrid systems, or industrial automation units, we provide fully assembled cabinets with integrated power, cooling, and control systems for plug-and-play

Altimir – Data Center Solutions

Altimir designs, fabricates, and installs energy-efficient, custom-engineered Hot Aisle and Cold Aisle Containment Systems. Recognized for the quality of its products, the company's products are

Micromodule Data Center IDC Data Center/Server Rack

Xensure data center integrated solution is a new generation of modular data center solution that integrates subsystems such as power supply, power distribution,

Hot Aisle Containment

Hot Aisle Containment dramatically boosts Data Centre cooling efficiency by separating hot and cold airflow, helping organisations reduce and manage

Vertiv SmartAisle Containment

Vertiv Vertiv designs, builds and services mission critical technologies that enable the vital applications for data centers, communication networks, and commercial and industrial environments. We support

Smart Cold/Hot Aisle Containment with Rack Enclosure

Our main products are server/IT racks, integrated Micro modular data center smart cabinet, cold/hot aisle containment, UPS, PDU, precision air conditioning,

Hot/Cold Aisle Containment | Data Center Containment Systems

Cold aisle containment encloses cold aisles where cold supply air is delivered to cool IT equipment. So the rest of the data center becomes a hot-air return plenum where the temperature can be high.

SmartAisle

Reduce Energy Consumption: Up to 27% compared to conventional data center design through the use of Cold Aisle Containment. Increased Availability: Using high-efficiency UPS power systems such as

SmartAisle | Integrated Infrastructure

The SmartAisle offering optimizes infrastructure deployment and management with an intelligent row-based system that integrates data center racks, power, row cooling, aisle containment, monitoring

Aisle Containment Systems Physical Containment Systems Selection

Integrated Cabinet Solutions For Business-Critical Continuity™ Aisle Containment Systems Physical Containment Systems Selection Guide Aisle Containment Systems by Emerson Network Power

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: <https://metramarket.es>

Technical inquiry: <https://metramarket.es/contact.html>

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

