19-inch Micro-Module Cold Aisle Manufacturers



Overview

Supplier highlights: This supplier is both a manufacturer and trader, collaborating with Fortune 500 companies with excellent quality control. Offers full customization.

Key Takeaways

Leading manufacturers of 19-inch cold aisle micro-modules include Jiangsu Datangweishi Technology, JZ-Rack, Cool Shield, and AMCO Enclosures, offering modular, customizable, and certified solutions for data centers. Key Manufacturers and Offerings1. Jiangsu Datangweishi Technology Co., Ltd.

Based in Jiangsu, China, Datangweishi specializes in network server cabinets, PDU cabinet sockets, KVM switches, integrated modular computer rooms, and shielded cabinets. Their 19-inch micro-modules are designed for cold aisle containment and come with ISO 9001, CCC, CE, FC, and RoHS certifications. They have experience with large-scale projects for companies like Huawei, China Mobile, and China Telecom, providing customized solutions for complex data center environments.

2. JZ-Rack JZ-Rack offers 42U 19-inch micro-module cold aisle network cabinets with front and rear mesh doors, load-bearing capacity up to 2400kg, and row-level air-conditioning options including air cooling, chilled water, and dual cooling sources. Their systems include module-level power and environment monitoring, access control, and intelligent fire safety systems.



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JZ-Rack emphasizes customization of cabinet dimensions, ventilation layouts, and internal configurations to suit diverse IT equipment setups. 3. Cool Shield™ (WAVE/Armstrong) Cool Shield provides hot and cold aisle containment solutions for both new and existing data centers.

Their systems use aluminum channel containment with modular, configurable designs to separate cold supply airflow from hot exhaust air, improving cooling efficiency and reducing energy consumption. They offer turnkey solutions and can customize containment systems for specific facility layouts. 4.

AMCO Enclosures AMC

O Enclosures manufactures hot and cold aisle containment systems that prevent air mixing and optimize cooling efficiency. Their solutions are suitable for both new and legacy data centers, eliminating the need for complex piping or liquid cooling.

AMC

O also provides prefabricated power whips and modular enclosures to streamline deployment and ensure compliance with electrical and environmental standards.

Considerations for Selection

Certifications: Look for ISO, CE, RoHS, and CCC certifications to ensure quality and compliance. Customization: Evaluate whether the manufacturer can tailor cabinet dimensions, airflow management, and monitoring systems to your data center needs. Cooling Efficiency: Consider integrated row-level cooling, containment design, and airflow separation to optimize energy use.

Integration: Ensure compatibility with existing PDUs, UPS systems, and monitoring infrastructure. Lead Time and Support: Manufacturers like Datangweishi and JZ-Rack offer sample orders, OEM/ODM services, and project support for installation and maintenance. These manufacturers provide robust, modular, and energy-efficient 19-inch cold aisle micro-modules suitable for modern data center deployments, with options for customization and integration into complex IT environments.

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Cold Aisle Containment Micro-module Data Room 19 Inch in Stock

19 inch size 3600*2600*2350mm (W*D*H) place of origin Jiangsu, China material SPCC Cold Rolled Steel brand name DTVS Material SPCC Cold Rolled Steel Product Name Cold Aisle Containment

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