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Which company makes the best outdoor server racks in the US



Overview

12 Server Enclosure Manufacturers in 2026 This section provides an overview for server enclosures as well as their applications and principles. Also, pleas.

Key Takeaways

Top U.S. companies for outdoor server racks include APC, Panduit, RackSolutions, KDM Steel, and AMCO Enclosures, known for durability, weather resistance, and customization options.Leading Manufacturers



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APC (Schneider Electric) APC is a well-established manufacturer of server racks and enclosures, offering outdoor-rated solutions with features like insulated double-wall construction, leak detection, and smart card door access. Their racks are designed for high cooling capacity and protection against environmental factors, making them suitable for outdoor deployments in data centers or industrial sites . Panduit Panduit provides a broad range of network cabinets and server racks, including outdoor-rated enclosures. Their products are known for robust construction, corrosion resistance, and modular designs that allow for flexible installation and scalability . RackSolutions RackSolutions specializes in both standard and custom server racks, including outdoor enclosures. They offer fully customizable dimensions, dual-access designs, and sliding rail systems, ensuring that racks can be tailored for harsh environments while maintaining easy equipment access and airflow management . KDM Steel KDM Steel manufactures precision metal enclosures with corrosion-resistant stainless steel, advanced ventilation, and high durability. Their outdoor server racks are engineered to withstand environmental stress while providing uninterrupted airflow and equipment protection . AMCO Enclosures AMCO Enclosures produces UL-certified, modular server racks made from highly durable aluminum. Their outdoor enclosures are scalable, lightweight, and designed to meet safety standards, making them ideal for complex IT environments exposed to weather conditions .

Key Considerations for Outdoor Server Racks
• Material and Corrosion Resistance: Stainless steel or powder-coated aluminum ensures longevity in outdoor conditions.

• Weatherproofing: Look for NEMA-rated or IP-rated enclosures to protect against rain, dust, and temperature extremes.

• Cooling and Ventilation: Outdoor racks should include airflow management, fans, or provisions for HVAC integration.

• Customization: Adjustable shelving, dual-access doors, and cable management options improve usability in outdoor setups.

• Certifications: UL, NEMA, and other safety certifications ensure compliance with industry standards and reliability. For outdoor server rack projects, APC, Panduit, RackSolutions, KDM Steel, and AMCO Enclosures are among the most reliable U.S. manufacturers, offering a combination of durability, customization, and environmental protection suitable for demanding applications .

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