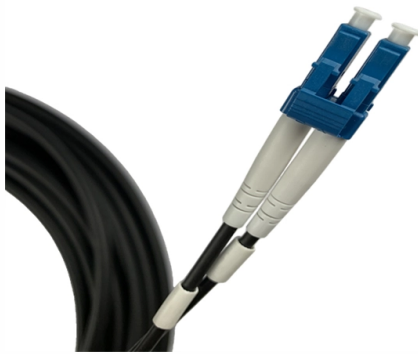


Price of IP68 Server Rack System for Power Systems



AI Overview

The price of an IP68 server rack system varies widely depending on size, material, customization, and manufacturer, typically ranging from several thousand to tens of thousands of dollars.

Overview of IP68 Server Rack Systems

IP68-rated server racks are designed for complete protection against dust and prolonged immersion in water, making them ideal for harsh industrial or outdoor environments. These racks are often used in power systems, data centers, and critical infrastructure where environmental protection is essential. Materials commonly used include galvanized steel, aluminum, and high-performance plastics, often with corrosion-resistant coatings and gaskets to maintain the IP68 rating.

Key Features Affecting Price

- **Size and Capacity:** Standard 42U racks can hold up to 1420 kg, while smaller or larger custom racks will affect cost.
- **Material and Finish:** Stainless steel or aluminum with anodized or powder-coated finishes increases durability and price.
- **Customization:** Tool-less doors, removable panels, cable management, power troughs, and casters add to the cost.
- **Compliance and Certification:** UL Listed, NEMA 4X/6P, RoHS compliance, and IEC standards can increase price due to testing and certification requirements.

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