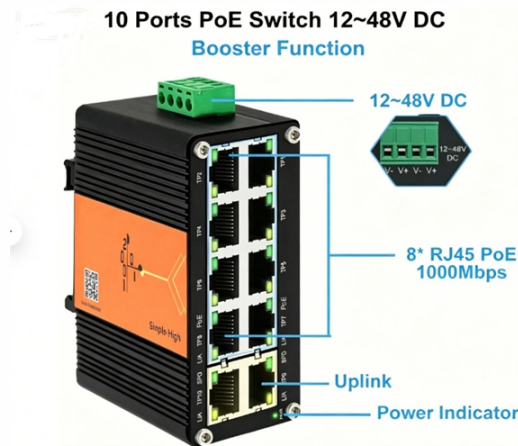


How much does a three-story data center power distribution box cost



Article Overview

A three-story data center power distribution box typically costs between \$250,000 and \$1 million, depending on capacity, redundancy, and specifications.

Overview

The cost of a power distribution box (PDB) in a multi-story data center depends on several factors:

- **Capacity and Load Rating:** Higher kVA or MW ratings increase cost. Multi-story PDBs often handle hundreds of kilowatts to multiple megawatts .
- **Redundancy and Tier Level:** Tier III or IV data centers require N+1 or 2N redundancy, which significantly increases the cost of switchgear, breakers, and distribution panels .
- **Components Included:** Modern PDBs may include switchgear, transformers, busbars, monitoring systems, and integrated UPS connections. Each additional feature adds to the price .
- **Customization and Safety Standards:** Seismic reinforcement, fireproofing, and compliance with local electrical codes can increase costs, especially for multi-story installations .

Estimated Price Range

- **Small to Mid-Sized PDBs:** \$250,000–\$500,000 for a three-story box supporting mo...

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