

Price of a Level 3 Power Distribution Box for a Data Center



AI Overview

Enterprise-level Level 3 power distribution boxes for data centers typically range from \$2,000 to \$10,000 or more, depending on specifications, features, and vendor.

Overview A Level 3 Power Distribution Box, often a three-phase PDU or distribution board, is designed for high-density, mission-critical data center environments. These units provide balanced power distribution, monitoring, and protection for multiple racks or high-power servers. They may include features such as:

- Metered, monitored, or switched outlets for per-outlet control and energy tracking
- High-amp input ratings (208V/240V/415V) to support GPU, AI, or storage loads
- Redundant feeds or automatic transfer switches for continuous uptime
- Remote monitoring and integration with DCIM, EPMS, or BMS systems

Price Factors The cost of a Level 3 distribution box depends on several factors:

- Voltage and amperage rating:** Higher capacity units cost more.
- Monitoring and control features:** Switched or networked PDUs with per-outlet monitoring are more expensive than basic PDUs.
- Enclosure type and IP rating:** Waterproof or modular enclosures increase cost.
- Customization and OEM requirements:** Custom busbars, cable entry modifications, or branding can significantly affect pricing.
- Vendor and brand:** Enterprise brands like HPE or ABB typically charge premium prices for certified, high-reliability units.

Typical Price Range

- Basic three-phase distribution boxes: \$2,000–\$4,000 per unit for standard configurations
- Metered or networked PDUs with monitoring: \$4,000–\$7,000 per unit
- Fully customized, high-capacity Level 3 units: \$7,000–\$10,000+ depending on features, redundancy, and vendor

Recommendation For an accurate quote, it is best to contact suppliers directly with your specifications, including:

- Input voltage and amperage
- Number of outlets and type (C13, C19, etc.)
- Monitoring and switching requirements

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Rated 3 facilities must be “concurrently maintainable” and typically call for N+1 redundancy in components like transformers and generators, and 2N

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Power Distribution Units | Legrand

Below you will find a variety of PDUs, including both vertical (zero RU) and horizontal (rack mount) form factors to align with your physical infrastructure, with options for Basic, Network Metered, and

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