

How much does a variable frequency intelligent power distribution cabinet cost



Article Overview

The cost of a variable frequency intelligent power distribution cabinet typically ranges from several thousand to tens of thousands of dollars, depending on specifications, VFD capacity, and smart features.

Price Range Overview

The price of such cabinets is highly variable because they are custom-engineered systems rather than standard enclosures. For smaller installations with low current ratings and basic VFD integration, costs may start at \$3,000-\$5,000. For larger industrial or commercial setups with high current ratings, multiple outgoing circuits, advanced monitoring, touchscreen interfaces, and communication modules, prices can reach \$30,000-\$80,000 or more. High-voltage or utility-scale cabinets can exceed \$100,000 due to specialized components and safety requirements.

Key Factors Affecting Cost

- **Rated Current and Circuit Count:** Higher current requires larger busbars, stronger breakers, and more robust thermal design. More outgoing circuits increase the number of breakers, wiring, and assembly time.
- **VFD Capacity and Type:** The horsepower and control type of the VFD (general-purpose vs. vector control) significantly influence cost. Larger or vector-controlled VFDs are more expensive

Article Content

Liebert FDC Power Distribution Cabinet

This stand-alone cabinet blends physically and cosmetically with rack equipment, while offering the distribution capabilities of a much

Liebert® PPC Distribution Cabinet

Liebert® PPC Distribution Cabinet Power conditioning and distribution cabinet that offers the benefits of a custom-tailored system,

Liebert® FDC Power Distribution Cabinet

Product Family Liebert® FDC Power Distribution Cabinet The Liebert FDC provides additional distribution capacity for a high number

Power Distribution Unit | Data Center Solutions

Liebert® FPC Power Distribution Cabinet Provides high quality, flexible power distribution for high-density data centers. It is

Elecnova: Electrical Power Distribution Cabinet, Pdu For Network

The Power Distribution Cabinet is a versatile solution designed to efficiently distribute electrical power within various settings. This

Vertiv Liebert FPC Power Distribution Cabinet

Provides high quality, flexible power distribution for high-density data centers. It is engineered to combine the convenience and cost

Vertiv™ Liebert® PPC

This power distribution cabinet provides custom configurations of sub-feed breakers tailored to your specific site power requirements.

Liebert FPC | Power Distribution Cabinet

Discontinued Product Model Liebert FPC 50-125kVA Provides high quality, flexible power distribution for high-density data centers. It

Variable Frequency Power Cabinets

Discover efficient variable frequency power cabinet solutions designed for optimal power distribution. Enhance your operations with

Power Switching and Distribution Cabinets

Power conditioning and distribution cabinet that offers the benefits of a custom-tailored system while offering the convenience and

Liebert® PPC Distribution Cabinet | Power Distribution

Liebert® PPC - Power Distribution Cabinet - [Pre-2024 Legacy Models] Power conditioning and distribution cabinet that offers the

Liebert RDC Power Distribution Cabinet

Integrate power distribution into the rack environment, with the sized Liebert® FDC. The stand-alone cabinet blends physically and

Efficient Power Distribution Cabinet Industrial Control Variable ...

It supports customized cabinet dimensions, hole positions and functional modules on demand, and is produced by large-scale rolling

Cabinet AC drive, Cabinet variable frequency drive

Find your cabinet ac drive easily amongst the 29 products from the leading brands (Lumibird, EMA, ERA-SIB, ...) on DirectIndustry,

ABB Cable Distribution Cabinets | Products

ABB cable distribution cabinets provide a robust and safe solution with uncompromised lifetime. They are designed for outdoor

LIEBERT® FPC POWER DISTRIBUTION CABINE

OVERVIEW The Liebert FPC power center can be used in conjunction with several Liebert FDC distribution units to create a total

Vertiv Liebert FDC | Electronic Support Systems

Integrate power distribution into the rack environment, with the rack-sized Liebert® FDC. The stand-alone cabinet blends physically

LIEBERT® FDC POWER DISTRIBUTION CABINET

Critical Power Distribution Made Easy The Liebert FDC provides additional distribution capacity for a high number of critical loads. It

Vertiv™ Liebert® TFX

The Liebert TFX is a floor-mounted power distribution unit offering reliable single or two-stage power in small to mid-sized data

RackPower Intelligent Power Distribution Units | nVent HOFFMAN

Design your power solution using a variety of configuration options. The units are available in horizontal 19-in. rack or vertical

Vertiv Liebert PPC Distribution Cabinet

The Liebert PPC second generation distribution cabinet offers the benefits of a custom-tailored power system, with the convenience

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

This document is for informational purposes only. Specifications subject to change without notice.

