

Price of Variable Frequency Distribution Cabinets and Boxes



Overview

Enhance industrial efficiency with advanced variable frequency box that optimize performance and reduce energy costs. Perfect for global business buyers seeking reliable solutions.

Key Takeaways

Variable frequency distribution cabinets and boxes typically range from a few hundred to several thousand USD depending on size, capacity, and customization options.

Pricing Overview

Industrial VF

D Cabinets Power distribution cabinets designed for variable frequency drives (VFDs) can include features such as overload protection, short-circuit protection, meters (voltmeter, ammeter, frequency meter), and control buttons for motor speed adjustment. Prices for these cabinets generally start around \$500-\$1,500 for small units and can exceed \$5,000 for larger, fully customized industrial cabinets with advanced control functions and integrated components like PLCs, HMI, and braking units.

Complete Sets of Power Distribution Cabinets X

L series low-voltage cabinets with VFD support are available with full customization for voltage (380V/400V/480V), frequency (50Hz/60Hz), inlet/outlet modes, and circuit counts (2–48). These cabinets are suitable for industrial, commercial, and civil projects. Pricing depends on the number of circuits, internal components, and installation type, typically ranging from \$1,000 to \$6,000 per unit, with additional costs for shipping, packaging, and optional certifications.

Electrical Cabinets and Boxes for Commercial Use Suppliers like ElectroMaterial offer cabinets with capacities from 4 to 144 elements, suitable for surface or recessed installation, indoor or outdoor use, and made from PVC, polyester, or metallic materials. Prices vary by material and size, generally starting at \$200–\$500 for small boxes and \$1,000–\$3,000 for larger cabinets with watertight protection and high-quality brand components.

Factors Affecting Price

Size and Capacity: Larger cabinets with more circuits or elements cost more.

Material: Metal enclosures are typically more expensive than PVC or polyester.

Customization: Tailored voltage, frequency, and internal components increase cost.

Certifications: ISO, 3C, explosion-proof, or IP66 ratings add to the price.

Installation Type: Wall-mounted, floor-standing, or modular designs influence cost.

Additional Features: Integrated meters, PLCs, HMI, cooling fans, and remote diagnostics can significantly increase the price.

Conclusion

For industrial-grade variable frequency distribution cabinets, expect prices from \$500 to over \$5,000, while commercial or smaller electrical boxes range from \$200 to \$3,000 depending on size, material, and features. It is recommended to request quotes from multiple suppliers and consider customization, certifications, and warranty to ensure the cabinets meet your project requirements.

Article Content

"Frequency Conversion Cabinet"

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Variable frequency box

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Variable Frequency Drive Price List

Generally, cost per hp is decreased along with the VFD capacity increased. Note: the prices in the table list are for reference only, to buy a VFD, please contact us

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Cabinet. Power distribution cabinet & box price varies by specs, OEM requirements,
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8.ATS cabinet 9.distribution box 10.electrical cabinet What is a frequency conversion
vfd cabinet? Variable frequency cabinet is a control cabinet used to regulate the

Industrial Automation Frequency Conversion VFD

Variable frequency control cabinet can achieve dynamic current regulation and
optimize power load distribution in power dispatching, reduce power equipment

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

