

Price of distribution box assembly manufacturers

Article Overview

The assembly price of distribution boxes varies widely, typically ranging from under \$2 per unit for basic bulk metal or plastic enclosures to \$50-\$200+ for customized, high-capacity, or IP-rated units.

Price Ranges and Factors

- o Entry-level bulk units: Basic plastic or metal distribution boxes for indoor commercial use can cost sub-\$2 per unit when purchased in large volumes (100+ units) from Chinese manufacturers like Shandong Qinghua .
- o Standard residential and light commercial boxes: Single-phase or small three-phase assembly boxes, such as JUNON V12 series, typically range from \$20-\$50 per unit, depending on material (steel or fireproof plastic), rated voltage (120/240V or 240/415V), and current capacity (up to 100A), .
- o Industrial or high-specification units: IP54-IP66 rated enclosures, modular 12-way systems, or boxes with advanced busbar configurations can cost \$50-\$200+ per unit, especially for low-volume custom orders .

Key Pricing Influencers

- o Material and Construction: Steel, fireproof plastic, or ABS/polycarbonate affect durability and cost .
- o Protection Rating: IP20 to IP66 ratings for dust and water resistance significantly impact pricing .
- o Customization: OEM branding, logo embossing, plug-in circuit breakers, and cable entry modifications increase costs .
- o Volume Discounts: Larger orders reduce per-unit costs by 15-40% depending on manufacturer and order size .
- o Delivery and Lead Time: Standard stock items may ship next day, while custom production can take 30-45 days for 1x40HQ containers .

Manufacturer Options

- o Chinese Suppliers: Major production clusters in Zhejiang, Guangdong, and Shandong provinces offer competitive pricing, IEC standard compliance, and flexible customization .
- o OEM/ODM Services: Many manufacturers provide full branding, modular designs, and tailored layouts for distributors or project-specific requirements .
- o Local Distributors: For smaller quantities or faster delivery, regional distributors in Guangzhou, Shenzhen, or Shunde can supply ready-made units .

Summary

When sourcing assembly or distribution boxes, cost depends on material, protection rating, customization, and order volume. For bulk, basic units, prices can be extremely low, while high-specification, industrial-grade, or



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customized boxes command higher prices. Contacting manufacturers directly for quotes ensures accurate pricing based on your specific requirements, including voltage, amperage, and delivery timelines .

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Distribution Box Manufacturer DOHO is a major manufacturer of distribution boxes and products in China.

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For distributors seeking cheap rates or custom enclosures, wholesale per-unit pricing drops with larger orders. Top trends include

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