Standard Price for Mobile Power Distribution Box Configuration



Overview

Standard Price for Mobile Power Distribution Box ConfigurationThis mobile power distribution box offers efficient and safe electricity management for deman.

Key Takeaways

Mobile power distribution boxes typically range from $500 to $5,000 or more depending on amperage, phase type, environmental rating, and additional features.

Pricing Overview

The cost of a mobile power distribution box varies widely based on capacity, configuration, and intended use. Basic single-phase units for low to moderate power demands generally start around $500–$1,000, while three-phase industrial-grade boxes designed for high-capacity applications can range from $2,000 to $5,000 or more. Units with specialized features, such as weatherproof enclosures (IP55–IP65), explosion-proof designs, or modular stackable configurations, command higher prices due to enhanced durability and safety.

Factors Affecting Price

Amperage and Phase Type: Boxes are available in 16A, 32A, 63A, 125A, and high-performance main units up to 400A or 630A. Higher amperage and three-phase systems increase cost. Material and Construction: Durable housings made from corrosion-resistant steel or lightweight aluminum alloys, often with powder-coated or galvanized finishes, add to the price.

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Environmental Protection: IP-rated enclosures (IP44, IP55, IP65) for dust and water resistance are essential for outdoor or harsh environments and increase cost. Safety Features: Integrated circuit breakers, residual current devices (RCDs), grounding bars, and surge protection devices enhance safety but also raise the price. Modularity and Portability: Stackable, flightcase, or briefcase-style units with ergonomic handles and compact designs offer flexibility and convenience, influencing pricing.

Typical Applications

Mobile distribution boxes are widely used in construction sites, industrial facilities, outdoor events, and emergency response operations. They are designed for temporary or dynamic power distribution where permanent wiring is impractical. Configurations can be customized to meet specific power requirements, including single-phase AC (120V or 230V) or three-phase systems (400V or 480V) for industrial applications.

Summary

When budgeting for a mobile power distribution box, expect entry-level units around $500–$1,000, mid-range units for commercial use around $1,500–$3,000, and high-capacity industrial or specialized units exceeding $5,000. Prices are influenced by amperage, phase type, environmental protection, safety features, and modularity. Always verify IP ratings and compliance certifications (CE, UL, ATEX) to ensure safety and regulatory compliance.

Article Content

Standard Price for Mobile Power Distribution Box Configuration

This mobile power distribution box offers efficient and safe electricity management for demanding worksites. Its portable design helps protect equipment, improve workflow, and simplify power access

Mobile distribution box

Equipped with multiple outlets, circuit breakers, and grounding systems, mobile distribution boxes ensure safe load management and protection against overloads, making them

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Mobile Power Distribution Center

Mobile Power Distribution Center - 120V AC Input - (6) 120V GFCI Outlets - Portable Spiderbox Hover to zoom Part #: MDC-120-30MB-6X120 Price: $3,428.57

Portable Power Distribution Systems

The Walther power distribution system is also available fused, with RCD''s GFCI breakers or practically any type of overload protection that meets your requirements. Each portable power distribution box is

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EU project coordination: Parque das Nações, Lisbon, Portugal

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

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