Outdoor power distribution box types and prices

Overview

Best Outdoor Power Distribution Box for Tough Jobs and Outdoor Finding a reliable outdoor power distribution box is essential for construction sites, event.

Key Takeaways

Outdoor power distribution boxes currently range from around $15 to over $1,500 depending on size, amperage, and features.

Typical Price Ranges

Small, basic outdoor boxes: $15–$50. These are usually plastic or compact metal enclosures suitable for a few outlets or light-duty applications (Walmart, Tractor Supply, Amazon). Medium-duty boxes: $50–$250.

These include weatherproof steel or polycarbonate enclosures with multiple GFCI-protected outlets, 30–50A capacity, and twist-lock or standard receptacles (Amazon, Home Depot, Lowe's, Ace Hardware). Heavy-duty or contractor-grade boxes: $250–$650. Designed for job sites or RV use, these boxes often feature 50A input, multiple 120/240V outlets, surge protection, circuit breakers, and rugged steel construction (Platt Electric Supply, Uline, Full Compass Systems, Ace Hardware).

Specialized or high-capacity units: $650–$1,500+. These include large multi-phase, multi-pole distribution boxes for industrial, solar, or large event setups, often with multiple twist-lock outlets, high amperage, and UL/ETL certifications (Full Compass Systems, eBay, Uline).

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Key Features Affecting Price

Amperage rating: Higher amperage (50A, 100A, 200A) increases cost. Number of outlets: More outlets or circuits generally raise the price. Material and weatherproofing: Steel, aluminum, or fiberglass enclosures with IP65/IP66 ratings are more expensive than basic plastic boxes.

Additional protections: Built-in surge protection, GFCI outlets, and circuit breakers add to the cost. Portability and accessories: Handles, adapters, and compact designs for RV or jobsite use can influence pricing.

Examples of Current Products

Champion Power Distribution Box: 50A, six 120V GFCI outlets, one 120/240V twist-lock outlet, $449. 99 (Ace Hardware).

Southwire Temporary Power X-

Treme Box: 50A, 125/250V, multiple GFCI outlets, $499–$525 (eBay, Amazon).

VEVO

R Steel Electrical Box: Large wall-mounted, IP66 waterproof, $122. 90–$147 (Walmart). Small plastic or compact boxes: $15–$35, suitable for light outdoor use or temporary setups (Walmart, Amazon).

In summary, for general outdoor use, expect to pay $50–$250 for a reliable medium-duty box, while professional or high-capacity boxes for construction or RV use range from $250 to $650, and specialized industrial units can exceed $1,000. The final choice depends on your amperage needs, number of outlets, and environmental protection requirements.

Article Content

Best Outdoor Power Distribution Box for Tough Jobs and Outdoor

Finding a reliable outdoor power distribution box is essential for construction sites, events, RV hookups, and rugged outdoor work. This guide highlights five top-rated options, covering safety features,

Amazon : Outdoor Power Distribution Box

Namunanee Outdoor Electrical Junction Box with High Power Outlet, 16" H* 12" L* 5.9" W, ABS Water Resistant Enclosure with Internal Mounting Panel & Hinged Cover. This product has sustainability

Best Outdoor Electrical Box Panels for Safe, Durable Power

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Outdoor electrical box panels and junction boxes protect wiring and power distribution in yards, workshops, and RV setups. This guide highlights five reliable options from trusted brands, with

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Amazon : Power Distribution Box

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Outdoor Cut Outs and Distribution Boxes

Suitable for both pole and wall mounting, our solutions include ABC distribution boxes, pole-mounted cut outs, outdoor service units, and street lighting cut outs.

DIHOOL Outdoor Power Distribution Box with Name 30 amp, L5-30

DIHOOL Outdoor Power Distribution Box with Name 30 amp, L5-30 20 amp L5-20 and Type A 40 Amp GFCI Circuit Breaker,125V Temporary Outlet Panel, Pre Wired Surface Mount Electrical Box, IP44

Outdoor Electrical Distribution Box Specifications: NEC

Complete specification guide for outdoor electrical distribution boxes covering NEC Article 312 requirements, NEMA ratings, sizing calculations, and

Explore Distribution Boxes for Every Setting with Different Types ...

Distribution boxes act as the central hub, receiving the main electrical supply and dividing it into designated circuits for lighting, outlets, and appliances. They provide a safe and organized way

Ultimate Guide To Distribution Boxes Db Boxes Types

Introduction For procurement professionals, electrical contractors, and project managers, choosing the right Distribution Box (DB Box) is a critical decision that

Outdoor Power Distribution Box Solutions: Weatherproof, Smart, and

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Discover how J&HW Group''s outdoor power distribution boxes deliver safe, weatherproof, and customizable solutions for modern industrial and commercial needs.

Distribution Board for Home & Commercial Space | GM Modular

Power Distribution Board- GM Modular A distribution board is also known as db board or main distribution board is part of an electricity supply system that divides power into smaller circuits. It has

Understanding Power Distribution Boxes: Types, Features, and

This guide delves into the intricacies of power distribution boxes, shedding light on their design, functionality, and regulatory standards. Readers can expect to gain a comprehensive

Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find the perfect DB box for your needs.

The Ultimate Guide to Distribution Box Types

Discover the key types of distribution boxes with NUOMAK''s comprehensive guide. Learn about Main Distribution Boards (MDB), Consumer Units, Transfer Switches, and more to choose the perfect

Power Distribution Boxes Explained Simply

Discover the essentials of a Power Distribution Box—how it works, key types, benefits, and tips to ensure safe, efficient electrical power management.

12 types of distribution boxes and how to choose them

In this guide, we''ll break down the 12 main types of distribution boxes in a way that''s easy to understand. We''ll chat about what each one does, where it shines, and then dive into how to

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