

Price of Distribution Box Components



Overview

When you start looking for a distribution box, you'll quickly realize the price range is wider than a highway.

Key Takeaways

Distribution box components vary in price depending on capacity, material, safety features, and additional accessories, with detailed pricing available for MCBs, RCCBs, isolators, bus bars, enclosures, and surge protection devices. Key Components and Typical Pricing Factors

- Miniature Circuit Breakers (MCBs)
 - Protect circuits from overload and short circuits.
 - Prices vary by amperage (e.g., 6A-63A) and brand. Higher-rated or modular MCBs cost more due to enhanced safety and durability .
- Residual Current Circuit Breakers (RCCBs) / RCBOs
 - Detect leakage currents to prevent electric shocks.
 - Pricing depends on rated current, sensitivity (mA), and integration with MCBs. Premium models with combined protection are more expensive .
- Isolators / Disconnect Switches
 - Manually disconnect circuits for maintenance.
 - Cost varies by current rating and enclosure type (plastic vs metal), .

- Bus Bars (Live, Neutral, Earth)
- Conduct electricity within the box.
- Prices depend on material (copper vs aluminum), length, and number of circuits supported .
- Enclosures
- Made from thermoplastics (PC, ASA) or powder-coated stainless steel.
- Surface-mounted boxes are generally cheaper than flush-mounted. IP rating (IP20–IP65) affects cost due to environmental protection .
- Surge Protective Devices (SPDs)
- Protect against voltage spikes and lightning strikes.
- Cost depends on surge capacity (kA) and type (Type 1, 2, or 3), .
- Additional Accessories
- Blanking plates, cable entry systems, indication lights, and smart monitoring modules.
- Prices vary based on complexity and integration with the main distribution box .

Price Ranges

- Small residential boxes (32A–63A, 4–12 circuits): \$30–\$150 per unit depending on features and material .
- Medium commercial boxes (63A–125A, 12–24 circuits): \$150–\$400 per unit, including MCBs, RCCBs, and basic SPDs .
- Premium or industrial boxes (125A+, modular, smart monitoring, high IP rating): \$400–\$1,000+, depending on customization, surge protection, and OEM branding .

Considerations for Selection

- Amperage and number of circuits: Ensure the box supports current load and future expansion .
- Material and IP rating: Higher-grade thermoplastics or metal enclosures with IP54–IP65 offer better durability and environmental protection .
- Safety features: Integrated RCDs, surge protection, and arc fault detection improve safety but increase cost .
- Customization: OEM branding, modular busbar fitment, and cable entry modifications can affect pricing . For a comprehensive, up-to-date price list, manufacturers like Chineng Electric provide detailed tables with specifications, IP ratings, and component-level pricing for both surface-mounted and flush-mounted distribution boxes . Additionally, distributors on platforms like Made-in-China offer quotes for bulk orders, OEM customization, and rapid procurement options .

Article Content

Distribution Box Cost Guide: Value & Features

The distribution box cost typically ranges from affordable basic models to premium solutions, depending on

Distribution Box Replacement Cost Guide 2026

Prices vary by region due to labor rates and permitting complexity. In the Northeast, total costs including permit fees

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

Distribution Box Replacement Cost: Price Range and Key Drivers 2026

The exact price depends on panel size, material, labor, and local permitting. This article breaks down typical costs,

Distribution Box Price, 2026 Distribution Box Price Manufacturers ...

The Distribution Box Price is a top choice in our Power Distribution Cabinet & Box collection. Wholesale price for power distribution

How Much Is A Distribution Box A Complete Buyers Guide

When you start looking for a distribution box, you'll quickly realize the price range is wider than a highway. You might find a small

Distribution Boards

In this comprehensive guide, we will explore the crucial parts of a distribution board and gain insights into the components that make

Distribution Box Replacement Cost Guide - Design Transition Studio

Buyers typically pay a broad range for replacing a distribution box, driven by box size, amperage, wiring runs, and

Distribution Box Replacement Cost Guide - One and Done Prep

Typical cost ranges for replacing a distribution box or service panel in the United States vary widely based on panel

Portable Power Distribution Units & Boxes| LEX Products

Lex Products offers a full range of portable power distribution units including boxes, boards and panels,

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

Industrial Solutions & Electrical Components | RS

RS is the leading provider of industrial and electronic solutions. Secure online ordering, same-day dispatch & free delivery available.

Microsoft Azure

Microsoft is radically simplifying cloud dev and ops in first-of-its-kind Azure Preview portal at portal.azure

WORLD WIDE WEB JOURNAL Home

O'Reilly & Associates, Inc. 103A Morris St. Sebastopol, CA United States

Power Distribution Box, Temporary Power Distribution

Buy Power Distribution Box, Temporary Power Distribution Center, 50A California Standard Twist-to-Lock,

Power Distribution & Circuit Protection

Circuit breakers are grouped in breaker boxes or electrical panels and come in single-pole or double-pole options. A ground-fault

Wholesale Power Distribution Boxes from Manufacturers, Power ...

Dive into our online wholesale power distribution boxes products catalog on globalsources ! Source over 59 power distribution

Distribution Boards

Distribution boards, often referred to as electrical panels or breaker boxes, serve as the nerve center of any electrical system. Here

Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find

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

Septic Distribution Box Replacement Price Guide 2026

Septic Distribution Box Replacement Price Guide 2026 Homeowners typically pay for replacing a septic distribution box

Cost To Replace A Septic Tank Distribution Box –

The septic tank distribution box, or septic d-box, is a crucial component to your septic myusawire

We would like to show you a description here but the site won't allow us.

Distribution Board

A WHITE PLASTIC CASING WITH CLEAR LID THAT ACCOMMODATES FUSES, TERMINALS, AND OTHER COMPONENTS

Power Distribution Box, 110V Electricity Meter Electrical

Power Distribution Box, 110V Electricity Meter Electrical Box with NEMA 5-20 Power Outlet Pane,IP54

Understanding Distribution Boxes: Your Guide to Power

Understanding distribution boxes: Your guide to power distribution. Learn about power

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

The price of a distribution box can vary significantly depending on several factors: Type: As mentioned earlier there are

Amazon : Spider Box Electrical

Find reliable temporary power distribution centers with circuit breaker protection. Shop professional-grade options for construction

Distribution Boards

Shop ARB's range of robust and efficient distribution boards, ensuring reliable power distribution and safety in your electrical setups.

Distribution Box: Types and Functions | Axis-Electricals

The distribution box serves as the load centre and distributor of electrical power. A distribution box ensures that electrical supply is

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

Industrial Solutions & Electrical Components | RS

RS is the leading provider of industrial and electronic solutions. Secure online ordering, same-day dispatch & free delivery available.

Microsoft Azure

Microsoft is radically simplifying cloud dev and ops in first-of-its-kind Azure Preview portal at portal.azure

WORLD WIDE WEB JOURNAL Home

O'Reilly & Associates, Inc. 103A Morris St. Sebastopol, CA United States

Power Distribution Box, Temporary Power Distribution

Buy Power Distribution Box, Temporary Power Distribution Center, 50A California Standard Twist-to-Lock,

Power Distribution & Circuit Protection

Circuit breakers are grouped in breaker boxes or electrical panels and come in single-pole or double-pole options. A ground-fault

Buy Electrical Panels & Distribution Boxes Online

Discover competitive electrical panels distribution box prices for efficient power management in commercial and

Distribution Box Replacement Cost Guide 2026

Cost Breakdown ... What Drives Price Key drivers include panel amperage, age and accessibility of the service

Ultimate Guide To Distribution Boxes Db Boxes Types

Introduction For procurement professionals, electrical contractors, and project managers, choosing the

Wholesale Power Distribution Boxes from Manufacturers, Power ...

Dive into our online wholesale power distribution boxes products catalog on [globalsources](https://globalsources.com) ! Source over 59 power distribution

Distribution Boards

Distribution boards, often referred to as electrical panels or breaker boxes, serve as the nerve center of any electrical system. Here

Distribution Box Guide: Types, Components & Solutions

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find

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

Distribution Box Cost Guide: Value & Features

The distribution box cost typically ranges from affordable basic models to premium solutions, depending on

Distribution Box Replacement Cost Guide 2026

Prices vary by region due to labor rates and permitting complexity. In the Northeast, total costs including permit fees

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

Distribution Box Replacement Cost: Price Range and Key Drivers 2026

The exact price depends on panel size, material, labor, and local permitting. This article breaks down typical costs,

Distribution Box Price, 2026 Distribution Box Price Manufacturers ...

The Distribution Box Price is a top choice in our Power Distribution Cabinet & Box collection. Wholesale price for power distribution

How Much Is A Distribution Box A Complete Buyers Guide

When you start looking for a distribution box, you'll quickly realize the price range is wider than a highway. You might find a small

Distribution Boards

In this comprehensive guide, we will explore the crucial parts of a distribution board and gain insights into the components that make

Distribution Box Replacement Cost Guide - Design Transition Studio

Buyers typically pay a broad range for replacing a distribution box, driven by box size, amperage, wiring runs, and

Distribution Box Replacement Cost Guide - One and Done Prep

Typical cost ranges for replacing a distribution box or service panel in the United States vary widely based on panel

Portable Power Distribution Units & Boxes| LEX Products

Lex Products offers a full range of portable power distribution units including boxes, boards and panels,

Distribution Box Cost Guide: Value & Features

The distribution box cost typically ranges from affordable basic models to premium solutions, depending on

Distribution Box Replacement Cost Guide 2026

Prices vary by region due to labor rates and permitting complexity. In the Northeast, total costs including permit fees

Distribution Box and Selection Guide: Internal Structure, Components ...

Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars,

Distribution Box Replacement Cost: Price Range and Key Drivers 2026

The exact price depends on panel size, material, labor, and local permitting. This article breaks down typical costs,

Distribution Box Price, 2026 Distribution Box Price Manufacturers ...

The Distribution Box Price is a top choice in our Power Distribution Cabinet & Box collection. Wholesale price for power distribution

How Much Is A Distribution Box A Complete Buyers Guide

When you start looking for a distribution box, you'll quickly realize the price range is wider than a highway. You might find a small

Distribution Boards

In this comprehensive guide, we will explore the crucial parts of a distribution board and gain insights into the components that make

Contact Us

Continue your research online:

Website: <https://danialonso.es>

Technical inquiry: <https://danialonso.es/contact.html>

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

