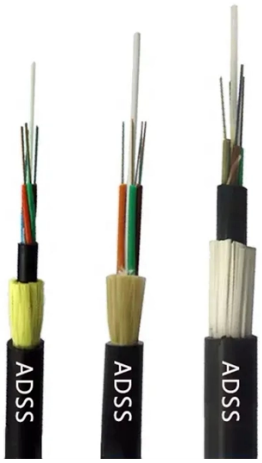
Room Secondary Distribution Box Size and Price



Overview

Secondary Distribution Box: Reliable & Customizable OptionsFind trusted secondary distribution boxes with IP65 protection, customizable features, and verif.

Key Takeaways

Room secondary distribution boxes typically range from 6 to 24 ways, with prices between $30 and $200 depending on capacity, material, and features.

Size and Capacity

Room secondary distribution boxes, also called DB boxes or consumer units, are designed to distribute electricity safely to individual circuits within a room or small area. Common sizes are based on the number of ways (slots for circuit breakers): 6–12 ways: Suitable for small rooms or apartments with basic lighting and socket circuits. 12–18 ways: Ideal for medium-sized rooms or areas with additional high-power appliances like air conditioners or water heaters.

18–24 ways: Used in larger rooms or small commercial spaces requiring multiple dedicated circuits and future expansion. Physical dimensions vary by manufacturer, but typical wall-mounted boxes measure approximately 300–600 mm in height, 200–400 mm in width, and 100–150 mm in depth. High IP-rated boxes (IP44–IP65) are available for moisture-prone areas like kitchens or bathrooms.

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Material and Protection Features

Material: Polycarbonate (PC) plastic or metal enclosures.

P

C plastic is flame-retardant, UV-resistant, and self-extinguishing, suitable for indoor and semi-outdoor use. Protection: Includes miniature circuit breakers (MCBs), residual current devices (RCDs), surge protection, and overvoltage/undervoltage protection. IP-rated boxes provide dust and water resistance for safety.

Price Range

The cost of a room secondary distribution box depends on size, material, and additional features: Basic 6–12 way plastic boxes: $30–$6012–18 way boxes with MCBs and RCDs: $60–$120High-end 18–24 way waterproof or pre-wired boxes: $120–$200 or more Commercial or industrial-grade boxes with higher amperage, three-phase support, or smart monitoring features can exceed $300.

Selection Tips

Determine the number of circuits needed for lighting, sockets, and high-power appliances.

Check I

P rating for moisture or dust exposure. Consider future expansion by choosing a box with spare ways. Verify compliance with local electrical codes (IEC, NEC, or regional standards).

Choose pre-wired or modular options for easier installation and maintenance. By selecting the right size and features, a room secondary distribution box ensures safe, reliable, and efficient power distribution for residential or small commercial spaces.

Article Content

Secondary Distribution Box: Reliable & Customizable Options

Find trusted secondary distribution boxes with IP65 protection, customizable features, and verified suppliers. Compare prices, MOQs, and specs. Click to explore top-rated options for industrial

Distribution Box Cost Guide: Value & Features

Explore distribution box cost factors, safety features, and budget solutions. Learn how to select the right panel for your needs and budget.

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

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Learn how to choose a distribution box and understand its internal structure, including MCBs, busbars, neutral bars, earth bars, RCDs, RCBOs, SPDs, enclosure ratings, and wiring layout.

How to Choose a House Distribution Box | CHINT global

This article guides you through selecting a distribution box that is both affordable and safe, emphasizing key features, configuration, and practical considerations.

Electrical DB Box Size Guide 2026

This report provides a comprehensive analysis of electrical distribution board (DB) box sizes, including physical dimensions, electrical

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The document provides details for designing the electrical distribution box and circuits for a residence. It includes specifications for the main circuit breaker such as size, type, and tripping capacity.

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This document provides specifications for various distribution boxes including dimensions, mounting sizes, and number of ways. It includes specifications for TOP-TS, TOP-TF, TOP-LS, TOP-PS, TOP

Types and prices of distribution boxes in 2025_COLORIA GROUP

From basic metal boxes to AI-powered energy hubs, distribution systems are becoming the unseen foundation of smart buildings. Prices might seem steep for advanced units, but they pay

How to choose the size of distribution box? What kinds

The size of the distribution box used in the room is generally different from that of the general industrial production distribution box. There are many types of indoor

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Follows the principle of "one machine, one switch, one RCD, one box, one lock," ensuring no single switch controls multiple devices. This explanation aims to clarify the roles and functions of

Electrical Distribution Box Design Guide

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Understanding Distribution Boxes: A Comprehensive

A distribution box, also known as a power distribution box or electrical distribution box, is used to distribute electrical power safely to multiple

Septic Distribution Boxes | Concrete Products Near Me

This is where septic system issues surface and its you and your property that pay the price. A functional distribution box is a key piece to the system''s overall performance, so don''t fall victim to faulty

Size configuration of multiple circuit breakers in the

Choose the right size and setup for multiple circuit breakers in your distribution box to ensure safety, code compliance, and room for future upgrades.

How to choose a distribution box of the right size for a project based ...

If you''re like most electrical professionals, picking the right distribution box for your project can feel like navigating a maze. I''ve been in those shoes - staring at spec sheets, worrying about

Amazon : Distribution Board

1-48 of over 4,000 results for "Distribution Board" Showing products near you, with fast delivery See all products, across price ranges.

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

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