

Electrical Distribution Box Costs

Article Overview

The cost of an electrical distribution box typically ranges from \$150 to \$4,000 depending on size, capacity, materials, and installation requirements.

Residential Distribution Boxes

For standard residential setups, distribution boxes (or panel boxes) generally cost between \$150 and \$1,500, including parts and labor . Basic single-phase indoor panels with 6-12 breaker spaces often fall in the \$450-\$1,000 range, while mid-range 125 A panels with upgraded breakers and some rewiring can cost \$1,400-\$1,800 . Factors influencing cost include amperage rating, number of circuits, enclosure type, and labor complexity .

Commercial and Industrial Distribution Boxes

Commercial or industrial-grade distribution boxes are more expensive due to higher durability, larger capacity, and advanced features. Prices can range from \$2,000 to \$4,000 or more for outdoor weatherproof panels, specialty breakers, and extensive wiring . Material choice--such as ABS plastic, powder-coated steel, or stainless steel--also significantly affects pricing . Customization, surge protection, and integration with building management systems can further increase costs .

Installation and Labor Costs

Installation costs vary by location, accessibility, and complexity. For smaller residential boxes, labor typically ranges from \$85-\$125 per hour, with total installation costs for multi-gang or feed-through boxes reaching \$200-\$600 plus labor . Concrete walls, limited access, or additional safety devices like GFCI/AFCI can add 15-40% to the base cost . Permits and inspections may add \$50-\$350 depending on local regulations .

Key Cost Drivers

- o Box size and number of circuits: Larger panels with more breaker spaces cost more.
- o Material and enclosure type: Weather-resistant or stainless steel units are pricier.
- o Internal components: High-quality breakers, surge protectors, and busbars increase cost.
- o Installation complexity: Labor hours, accessibility, and rewiring needs affect total price.
- o Location and permits: Regional labor rates and permit fees can vary total costs by 15-30% .

Summary

In summary, a basic residential distribution box may cost a few hundred dollars, while commercial or



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Industrial panels with advanced features and outdoor ratings can reach several thousand dollars. Always consider both the hardware and installation costs, as well as long-term reliability and safety features, when budgeting for a distribution box.

Pricing for a new electrical box varies with box type, size, and installation complexity. This article breaks down the cost,

Learn everything you need to know about the Electrical Distribution Box (DB Box). Explore types, materials, installation

The basic cost to install an Electrical Service Panel is \$1,305 - \$1,581 per panel in May 2026, but can vary significantly with site

Read on to find out what a distribution board is, its different types, why you need to upgrade it and how often.

Electrical panel replacement costs \$530 to \$2,100, depending on the location, the type of

Consumer Unit Replacement Cost Last updated 12th September, 2025 Do you need to

Distribution boxes act as the central hub, receiving the main electrical supply and dividing it into designated circuits for

The distribution box may only be put into operation once it has passed the test. Extension of existing systems - what you should pay

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

Explore a wide range of our Electric Distribution Box selection. Find top brands, exclusive offers, and unbeatable prices on eBay UK.

Junction box costs range from low-price indoor models (\$10-\$60) to weatherproof units

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

A junction box can cost anywhere from around \$10 for a simple indoor plastic box to several hundred dollars for a

Purchasing a new electrical panel box typically falls within a broad price range depending on amperage,

enclosure

Distribution boxes, also known as electrical distribution boards or panels, are pivotal components in electrical systems, ensuring the

In need of a new electrical panel? This guide shows exactly how much it costs to replace based on size, labor,

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