

Price of installing a household electrical distribution box



Overview

New Panel Box Cost Guide 2026 – LatestCost – Real-Time Price The cost of a new panel box depends on the box size, meter/branch requirements, enclosure type.

Key Takeaways

The typical cost to install a standard household electrical distribution box ranges from \$120 to \$560, depending on box type, amperage, and installation complexity.

Cost Overview

For a basic residential installation, a standard single-gang or small distribution box in an accessible indoor location usually costs \$120–\$260, which includes labor and materials. This range covers straightforward installations with minimal wiring adjustments and standard 120/240V circuits. For mid-range setups, such as a two-gang box with multiple outlets or a small subpanel, costs typically rise to \$160–\$435, reflecting additional labor, materials, and minor wiring complexity.

Labor for these installations generally ranges from 1–2 hours for simple boxes to 2–3 hours for more complex setups, with electricians charging \$75–\$125 per hour depending on region and expertise.

High-



End or Complex Installations Larger or outdoor-rated distribution boxes, weatherproof enclosures, or installations requiring new circuits and safety features like AFCI/GFCI protection can cost \$350–\$1,600 or more. Premium setups, including 200A-rated or outdoor meter boxes, may reach \$1,000–\$2,000, with industrial or custom enclosures exceeding \$5,000 in some cases. Factors influencing higher costs include: Amperage rating (100A vs 200A) Outdoor/weatherproof enclosures Number of circuits and box size Permit and inspection fees Complex wiring or difficult access Key Considerations Box Type: Plastic single-gang boxes are cheapest; metal, deep, or weatherproof boxes cost more.

Location: Indoor installations are less expensive than outdoor or hard-to-access locations. Safety Features: AFCI/GFCI protection adds \$150–\$300 per box. Labor and Permits: Labor dominates cost; permits and inspections can add \$50–\$200 depending on local regulations.

Summary

For a standard household electrical distribution box, homeowners can expect: Basic indoor installation: \$120–\$260 Mid-range installation with multiple circuits: \$160–\$435 High-end or outdoor/weatherproof installation: \$350–\$1,600+ Premium 200A or custom setups: \$1,000–\$2,000+ Planning ahead and obtaining a line-item quote that separates materials, labor, permits, and safety features helps ensure accurate budgeting and compliance with local electrical codes.

Article Content

New Panel Box Cost Guide 2026 – Latest Cost – Real-Time Price

The cost of a new panel box depends on the box size, meter/branch requirements, enclosure type, and labor for installation. This article breaks down typical price ranges and driving

Electrical Socket Installation Cost in New York | Estimated Prices

Learn the estimated cost of electrical socket installation in New York. Discover factors affecting pricing, wiring tips, and affordable options for your home.

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Electrical Work Pricing Guide (2026)

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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.

How much does it cost to install an electrical outlet?

Outlet installation costs \$150 to \$350 on average, depending on the type, location, and the home's current wiring conditions.

Junction Box Cost Guide: Prices & Installation 2026

Junction box costs range from low-price indoor models (\$10-\$60) to weatherproof units (\$70-\$450), with installation averaging \$100-\$300 depending on location and materials.

How Much Does an Electrician Really Cost?

It's important to know how much an electrician costs before hiring one or doing the job by yourself. See how much an electrician costs in this guide.

Electrical Box Cost Guide and Prices – Design Transition Studio

When budgeting for electrical boxes, most buyers look at upfront cost ranges based on box type, material, and installation complexity. The price drivers include box size, material, finish,

New Panel Box Cost: Price Ranges for Electrical Panels 2026

Purchasing a new electrical panel box typically falls within a broad price range depending on amperage, enclosure type, and installation variables. The cost is driven by panel size, breaker

Electrical Box Installation Cost Guide for U.S. Homes 2026

Homeowners typically pay a broad range for electrical box installation, driven by box type, wiring complexity, and local labor rates. This guide covers cost, price ranges, and practical budgeting

Consumer Unit Replacement Costs: A Comprehensive

Consumer unit installation is a critical aspect of every home electrical system. Acting as the nerve center, a consumer unit ensures the safe and efficient distribution of

How to Choose a House Distribution Box | CHINT global

A well-chosen distribution box ensures the safety and efficiency of your household electrical system. This article guides you through selecting a distribution box.

Consumer Unit Replacement Cost (UK) | Checkatrade

Most quotes include: Removal of old fuse box or consumer unit Supply and installation of new consumer unit Testing and commissioning Electrical

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How to Install a Distribution Box—A Comprehensive Instruction

Whether you are an electrical contractor or a construction brigade, knowing how to properly and safely install distribution boxes is the basis of ensuring the safe operation of the entire

Consumer unit replacement costs? What can expect to pay

Consumer unit replacement costs: What is a consumer unit? A consumer unit, commonly referred to as a fuse box or fuse board, is the central point of a home electrical system. It distributes

Cost To Replace Electrical Panel - Forbes Home

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

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