# Easy-to-install electrical distribution box price




## Overview

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

## Key Takeaways

The typical installation cost for an entry-level residential electrical distribution box ranges from $450 to $1,500, including parts and labor.

### Cost Breakdown

Hardware Costs: Basic residential distribution boxes, often single-phase panels for 100–125 amp service, generally cost between $150 and $600 depending on amperage, material (plastic, steel, or aluminum), and features such as weatherproofing or tamper-resistant components. Non-metallic plastic boxes are the most affordable, usually $1–$3 per single-gang unit, while metal boxes range from $4–$8, with specialized or weatherproof units reaching $10–$25 per box. Labor Costs: Professional installation is a significant portion of the total price.

Labor rates vary by region, complexity, and electrician experience, typically ranging from $30 to $80 per hour, with some high-end markets reaching $100–$120 per hour. Installation time for a standard residential panel is usually 2–5 hours, depending on wiring complexity and accessibility. Total Installation Costs: Combining parts and labor, most entry-level residential installations fall between $450 and $1,500.

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This includes the panel enclosure, circuit breakers, wiring, and professional installation. Outdoor or weatherproof panels, higher amperage ratings, or additional safety features can push costs toward the upper end of this range.

### Factors Affecting Price

Amperage Rating: Higher amp panels require larger enclosures and heavier conductors, increasing both material and labor costs. Material Type: Plastic is cheaper but less durable; steel or aluminum offers better fire resistance and structural strength. Location: Outdoor or wet-location rated boxes cost more due to weatherproofing requirements.

Labor Complexity: Difficult access, rewiring, or code compliance upgrades can increase installation time and cost. Regional Variations: Labor and permit fees vary across regions, with urban areas generally more expensive than rural locations.

### Summary

For a standard entry-level residential electrical distribution box, expect $450–$1,500 for a complete installation, with the lower end covering basic indoor panels and the higher end including outdoor-rated or higher-capacity units. Careful selection of amperage, material, and installation conditions can help manage costs while ensuring safety and code compliance.

## Article Content

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The installation requirements for the distribution box

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