

# Price of dividing the distribution box enclosure



## Overview

Key cost drivers include panel amperage, indoor vs outdoor location, wiring length, and whether a full panel upgrade or rerouting is needed.

## Key Takeaways

The cost of dividing or upgrading a distribution box enclosure typically ranges from \$200 for a basic sub-panel to \$6,000 for a high-capacity, weatherproof, or smart system, depending on size, material, and installation complexity.

## Cost Overview

The price of a distribution box enclosure depends on several factors: **Material and Construction:** Basic ABS plastic enclosures start around \$200, while powder-coated steel or stainless steel units can cost \$500–\$2,000 or more due to durability and corrosion resistance. **Capacity and Amperage:** Residential sub-panels (100–125A) generally cost \$1,200–\$2,500 including labor, while larger 200A outdoor panels with meter sockets can reach \$3,000–\$6,000. **Installation and Labor:** Labor costs vary by region and complexity, typically \$75–\$120 per hour, with projects taking 6–24 hours depending on rerouting, rewiring, or adding circuits.

**Additional Features:** Weatherproofing, smart monitoring, surge protection, and modular designs for future expansion can increase costs. **Outdoor-rated or high-tech enclosures** often carry a premium. **Permits and Compliance:** Permit fees and code compliance upgrades can add \$200–\$1,000 to the total project cost.

## Typical Scenarios

### Basic Residential Sub-

Panel: \$200–\$500 for the enclosure alone; \$1,200–\$2,500 including installation for a 100–125A indoor panel.

### Mid-

Range Upgrade: 150–200A outdoor panel with some rerouting, weatherproof box, and new breakers: \$2,900–\$3,200 total, including materials, labor, and permits. Premium or Industrial Setup: 200A service upgrade with meter relocation, full rewiring, complex routing, and smart features: \$4,500–\$6,400 or more.

## Factors Affecting Price

Indoor vs Outdoor Installation: Outdoor enclosures require weatherproofing and often cost more. Number of Circuits: More circuits increase the cost of breakers and busbars. Customization: Modular or smart systems for future expansion or energy monitoring add to the upfront cost.

Regional Labor Rates: Urban areas and regions with higher permit fees can increase total expenses. Existing Wiring Condition: Older or inaccessible wiring may require additional labor and materials.

## Summary

Dividing or upgrading a distribution box enclosure can range from a few hundred dollars for a simple indoor sub-panel to several thousand dollars for high-capacity, outdoor, or smart systems. Planning should account for materials, labor, permits, and future expansion needs to ensure safety, compliance, and long-term reliability.

## Article Content

### Distribution Box Replacement Cost Guide 2026

Key cost drivers include panel amperage, indoor vs outdoor location, wiring length, and whether a full panel upgrade or rerouting is needed. The article outlines cost ranges, per-unit pricing,

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### Distribution Box Replacement Cost Guide – Design Transition Studio

This article outlines the cost factors, price ranges, and practical budgeting advice for a U.S. audience. The price depends on electrical code upgrades, permit needs, and whether upgrades

#### Distribution Box Replacement Cost Guide – One and Done Prep

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#### New Panel Box Cost Guide 2026 – LatestCost – Real-Time Price

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What Drives Price Key price variables include amperage, panel type, and wiring complexity. Upgrading from 100A to 200A generally adds material costs for a larger enclosure and

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Distribution Board vs Distribution Box: What are the Differences?

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