

# Price of a complete household electrical distribution box assembly



## Article Overview

Assembling a household electrical distribution box typically costs between \$150 and \$2,500, depending on the type, size, and installation complexity.

### Material Costs

The cost of the distribution box itself varies widely based on material, size, and features. Basic plastic boxes for simple residential wiring can cost \$5–\$50, while metal or weatherproof boxes designed for outdoor or heavy-duty use may be more expensive. Larger boxes that accommodate more circuits or advanced features, such as smart monitoring or load management, can increase the price further.

### Installation Costs

Labor is a significant portion of the total cost. Hiring a licensed electrician typically costs \$75–\$120 per hour, with total labor hours ranging from 2–18 hours depending on the complexity of the installation, panel type, and whether rewiring or upgrades are required. For a standard indoor 100–125A panel, total installation costs including materials usually run \$1,200–\$2,500, while a 200A outdoor upgrade with a new meter socket can reach \$3,000–\$6,000.

### Factors Affecting Total Cost

- Panel amperage and capacity: Higher amperage panels cost more.
- Indoor vs. outdoor installation: Outdoor or weatherproof boxes are pricier.
- Complexity of wiring: Longer or difficult wiring routes increase labor costs.

## Article Content

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What Is a Distribution Box?

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Overview of household distribution box

Let's introduce what is home distribution box. Many customers don't understand what is home distribution box and

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### Distribution box

Yet the distribution box is a highly complex component that not only ensures safe power distribution, but is also responsible for

## Contact Us

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