

How much does a 6-position electrical distribution box cost



AI Overview

A six-box electrical distribution panel typically costs between \$400 and \$1,500, depending on materials, components, and installation complexity.

Price Breakdown

Unit Cost: The base price for a six-space distribution box (panel) generally ranges from \$150 to \$700 for standard residential-grade units, depending on whether it is made of plastic, steel, or stainless steel, and whether it comes empty or preloaded with breakers and busbars.

Installation Costs: Professional installation can add \$300 to \$800 for a standard residential setup, with labor complexity, rewiring, and permit fees influencing the total. For commercial or industrial setups, installation may be significantly higher due to larger amperage requirements and additional safety features.

Factors Affecting Cost:

- Material:** Plastic boxes are cheaper, while powder-coated steel or stainless steel panels are more durable and expensive.
- Components:** Pre-installed breakers, surge protectors, and busbars increase the price compared to empty enclosures.
- Amperage and Voltage:** Higher capacity panels for heavy-duty applications cost more.
- Location and Labor:** Regional labor rates, accessibility, and whether retrofitting is required can add 15–20% to the total cost.
- Additional Features:** Weatherproofing, smart monitoring, or integration with building management systems can further increase the price.

Typical Total Cost

For a standard six-box residential panel, the total cost including materials and installation usually falls between \$450 and \$1,500. Premium or industrial-grade panels with advanced features can exceed \$2,000. Investing in a quality distribution box ensures long-term safety, durability, and reduced maintenance costs, making it important not to compromise on materials or professional installation.

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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.

Contact Us

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