

Cost of complete installation of distribution box

Article Overview

The total cost for a complete distribution box installation typically ranges from \$1,200 to \$6,000, depending on type, capacity, location, and complexity.

Cost Breakdown

Residential Installations: For a standard 100-125A indoor panel, the total cost including the distribution box, breakers, wiring, and professional installation usually runs \$1,200-\$2,500. This includes labor, materials, and permits, assuming standard conduit routing and accessible wiring . **Commercial or Industrial Installations:** Larger or outdoor panels, such as 200A systems with new meter sockets, can cost \$3,000-\$6,000. Complex setups may require additional labor, structural modifications, or rerouting of wiring, which can increase costs further . **Professional Installation Costs:** Professional installation for a standard residential upgrade typically ranges from \$1,300-\$1,800, while industrial setups may involve weeks of labor and additional permit fees . DIY installation is strongly discouraged due to safety, insurance, and code compliance issues .

Factors Affecting Cost

- **Material and Enclosure Type:** Plastic, powder-coated steel, or stainless steel enclosures vary significantly in price. Stainless steel is recommended for corrosive or outdoor environments .
- **Internal Components:** The number and quality of circuit breakers, surge protectors, and busbars influence the total cost

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New Panel Box Cost: Price Ranges for Electrical Panels 2026

The cost is driven by panel size, breaker capacity, material, and labor requirements, with common quotes spanning

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