

Price of small electrical distribution boxes for construction

Article Overview

Small electrical distribution boxes typically cost between \$30 and \$150 per unit, depending on size, material, and features, with installation adding \$100-\$300 for standard setups.

Retail Prices

For small, ready-to-use distribution boxes suitable for construction sites or residential projects:

- o Compact power distribution boxes with 110V input, 60A capacity, and multiple circuit breakers are priced around \$50-\$120. These often include waterproof sockets, pre-wired interiors, and safety certifications like ETL (Amazon listing) .
- o Mini X-TREME boxes for 125/250V, 30A input, with 8 circuit breaker-protected outlets, are designed for smaller jobs and portable generator connections, typically costing \$100-\$150 .

Factors Affecting Price

- o Material: Plastic boxes are cheaper than metal or weatherproof units. Weather-resistant or IP-rated boxes can increase cost by 30-60% .
- o Amperage and circuits: Higher amperage or more circuits increase the price. A basic single-phase box is cheaper than a multi-circuit subpanel .
- o Features: Integrated meters, smart monitoring, or advanced safety features add to the cost .
- o Size and depth: Larger or multi-gang boxes cost more due to additional material and complexity .

Installation Costs

For residential or small construction projects:

- o Installing a standard small electrical box typically costs \$120-\$260, including labor and minor wiring adjustments .
- o Adding safety features like AFCI/GFCI protection can add \$150-\$300 per box .
- o Complex installations, such as new circuits or difficult access, can push total costs higher, sometimes exceeding \$800-\$1,600 .

Summary

For budgeting purposes:



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- o Material cost per small box: \$30-\$150 depending on type and features.
- o Installation cost: \$100-\$300 for standard setups; higher for complex or outdoor installations.
- o Total per unit: Typically \$130-\$450 for a fully installed small distribution box, with premium features or weatherproofing increasing the price further. Choosing the right box depends on project size, amperage needs, environmental exposure, and safety requirements. For construction sites, compact, pre-wired, and waterproof boxes are often the most practical and cost-effective.

These breaker boxes host circuit breakers, which are small switches in electrical panels that interrupt the

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

Understand distribution boxes (DB boxes) in 5 minutes. Learn about types, components, functions, and uses. Find

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Which DB boards are best to buy? A distribution board (also known as panelboard, breaker panel, or electric panel) is a component

Detailed pricing guide for small distribution boxes featuring comprehensive product specifications, safety certifications, and value



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The distribution box cost typically ranges from affordable basic models to premium solutions, depending on

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