

Price of a complete circuit distribution box



Overview

The distribution box cost typically ranges from affordable basic models to premium solutions, depending on capacity, features, and specifications.

Key Takeaways

The complete price of a circuit distribution box ranges from around \$50 for basic residential units to over \$2,000 for industrial-grade, fully equipped systems, depending on materials, capacity, and features.

Base Purchase Price

Residential units: Small plastic or ABS enclosures with basic circuit breakers typically cost \$50–\$200. Commercial units: Powder-coated steel or modular boxes with multiple circuits and higher amperage capacity range from \$300–\$1,000. Industrial units: Stainless steel, three-phase systems with advanced monitoring, surge protection, and high-capacity busbars can exceed \$2,000.

Additional Cost Factors

Internal components: Adding high-quality circuit breakers, surge protectors, busbars, and meters increases the price significantly. Installation: Wall mounting, wiring, and labor costs vary by location and complexity, often adding \$100–\$500 for residential setups and more for commercial or industrial installations. Waterproofing and outdoor ratings: IP-rated enclosures for outdoor use carry premium pricing; for example, IP65-rated boxes are more expensive than indoor-rated units.

Smart features: Digital displays, remote monitoring, and energy management systems increase upfront costs but can reduce long-term energy expenses.
Customization: OEM branding, modular configurations, and integration with building management systems can further raise the total cost.

Summary

The complete price of a circuit distribution box is highly variable and depends on the type, material, number of circuits, amperage, safety features, and installation requirements. For a typical residential setup, expect \$150-\$400 including basic installation and components, while commercial or industrial systems can range from \$1,000 to \$3,000 or more for fully equipped, high-capacity units.

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