

How much does a small electrical distribution box cost

Article Overview

Small electrical distribution boxes typically range from \$20 to \$200 for standard indoor units, with weatherproof or modular outdoor boxes costing more depending on size and features.

Typical Price Ranges

- o Indoor small distribution boxes (1-8 modules, IP20-IP65): Prices generally start around \$20-\$50 for basic single-phase units and can go up to \$100-\$150 for larger or modular configurations with multiple circuits .
- o Weatherproof outdoor boxes (IP66/IP67, small sizes 1-4 modules): These units are more expensive due to durability and protection against moisture and dust, typically ranging from \$50-\$200 depending on size and material .
- o Empty enclosures with mounting plates for small installations: Prices for compact boxes (e.g., 300 x 150 x 170 mm) are around \$60-\$100, while slightly larger boxes (300 x 300 x 170 mm) can cost \$70-\$120 .

Factors Affecting Price

- o Material and Build Quality: Plastic boxes are cheaper, while metal or reinforced enclosures cost more. Weatherproofing adds to the price.
- o Number of Modules/Circuits: More modules or higher amperage capacity increases cost. Small residential boxes usually have 1-8 modules.
- o IP Rating: Indoor boxes (IP20-IP44) are less expensive than outdoor-rated boxes (IP65-IP67).
- o Additional Features: Smart monitoring, surge protection, or modular expansion options can increase the price .
- o Brand and Certification: IEC-certified or European brands may cost 15-30% more than generic or Chinese equivalents .

Example Pricing from Manufacturers

- o Hensel Cable Junction Boxes IP66/67: Small outdoor boxes (93 x 93 x 62 mm) range from \$15-\$25, while larger units (155 x 210 x 92 mm) can cost \$70-\$120 .
- o Empty Boxes IP65: Size 1 (300 x 150 x 170 mm) around \$70, Size 2 (300 x 300 x 170 mm) around \$85 .
- o Commercial modular units with smart features or multiple circuits can exceed \$200 depending on specifications .

Where to Buy

- o CEF offers a wide range of distribution boards and accessories for residential and commercial use .
- o Intratec provides cost-effective options for indoor and outdoor boxes with various IP ratings and accessories



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o Hensel catalogs provide detailed pricing for specific sizes and configurations .

When selecting a small distribution box, consider current and future power needs, indoor vs. outdoor installation, and any smart or modular features to ensure safety and cost efficiency.

Browse power distribution boxes with circuit breaker protection and multiple outlet configurations. Shop durable solutions for

How Much Does an Electrician Charge? Although the average cost for an electrician to visit

Learn everything you need to know about the Electrical Distribution Box (DB Box). Explore

The basic cost to Install an Electrical Service Panel is \$1,305 - \$1,581 per panel in May 2026, but can vary significantly with site

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

Does a stainless steel box really justify the extra cost? If you are near the ocean, in a chemical plant, or in

Overview Of Costs Cost ranges account for panel amperage, location, and whether a full upgrade or repair is needed.

How Much Does a Circuit Breaker Box Install Cost? To support high-current appliances and

Wall-Mounted Electric Meter Box: What Does It Cost? Having a suitable electric meter box ensures secure housing

Whether you are an electrical contractor or a construction brigade, knowing how to properly and safely install

When planning a new electrical box installation or replacement, most buyers see price ranges influenced by panel

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

Overview Of Costs Cost ranges include materials and labor but exclude permit fees in some areas. Typical projects



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Our Electrical Cost Guides supply prices for hiring an electrician for generator repairs, recessed lighting, electrical

Shop Power Distribution and more at The Home Depot. We offer free delivery, in-store and curbside pick-up for most items.

Estimate the cost to rewire a house based on the key factors. Our guide covers different wire types, permits, and ways

Web: <https://millstraining.co.za>

