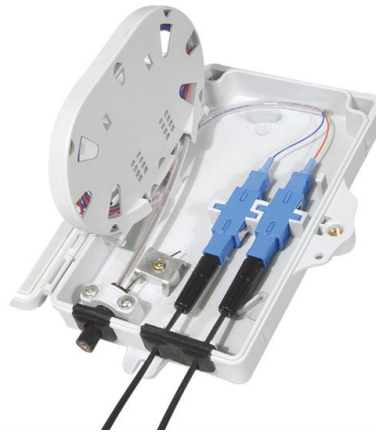


Home electrical distribution box dimensions and prices



Article Overview

The standard residential electrical distribution box is typically a 200A main breaker panel with 40–42 slots, wall-mounted, and priced between \$100–\$300 depending on brand and features.

Standard Sizes

Residential main breaker panels are designed to handle modern home electrical loads, including HVAC systems and electric vehicle chargers. The most common specifications are:

- Amperage: 200A (standard for modern homes)
 - Slots/Circuits: 40–42 slots for breakers, allowing future expansion
 - Wall-Mount Dimensions: Approximately 600 × 800 × 300 mm (height × width × depth) for typical wall-mounted panels
 - Depth Options: Deeper boxes are preferred when multiple wires or high-capacity circuits are present, ensuring compliance with NEC wire-fill guidelines
 - Material and Protection: Steel or metal enclosures, often with IP44–IP67 ratings for moisture and dust protection in industrial or outdoor settings
- Smaller junction boxes or multi-gang boxes for switches and outlets typically range from 200 × 200 × 120 mm up to 400 × 400 × 200 mm, while freestanding cabinets for larger installations can reach 1600–2200 mm in height and 600–1800 mm in width .

Price Range...

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