

Price of complete electrical distribution box for the room



Article Overview

A typical electrical distribution box for a single room costs between \$50 and \$500, depending on size, material, and installation requirements.

Cost Breakdown

Basic Box Price: For a standard single-gang or small multi-gang box suitable for a single room, prices generally range from \$0.50 to \$8 for simple plastic boxes and \$10 to \$50 for metal or specialized boxes with enhanced durability or fire resistance .

Distribution Panels: If the installation requires a small sub-panel or dedicated circuit breaker panel for the room, costs increase. Residential panel boxes typically range from \$150 to \$1,500, including the enclosure, breakers, wiring, and professional installation . The final price depends on amperage rating, number of circuits, and whether it is a single-phase or three-phase system .

Installation Labor: Labor costs vary by region and complexity. Installing a basic single-gang box may take 0.5-1.5 hours, while a deeper or multi-gang box can take 2-4 hours. Electrician rates typically range from \$30 to \$80 per hour, with higher-end markets reaching \$100-\$120 per hour .

Additional Factors:

- **Material:** Plastic is cheaper, metal offers better durability and fire resistance.
- **Environment:** Outdoor or wet-location boxes cost more due to weatherproofing.
- **Features:** Tamper-resistant, GFCI-compatible, or deeper boxes for complex wiring increase cost.

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