

Price of complete residential electrical distribution boxes



AI Overview

A complete residential electrical distribution setup typically costs between \$1,000 and \$3,000, depending on panel size, amperage, number of circuits, and installation complexity.

Material Costs

Residential distribution boxes, also called breaker panels or consumer units, vary in price based on amperage, number of circuits, and brand:

- Standard 100-125 Amp panels: \$100-\$500 for the panel itself, including basic breakers and cover (plastic or thin steel enclosures) .
- 200 Amp panels: \$200-\$600 for main breaker panels with 30-40 spaces and 60-80 circuits, often including surge protection and plug-on neutral features .
- Premium or smart panels: \$600-\$1,200 for units with advanced monitoring, remote control, or hybrid features .
- Outdoor or weatherproof enclosures: \$250-\$600 depending on material (stainless steel or powder-coated steel) and environmental rating .

Installation and Labor Costs

Professional installation is essential for safety and code compliance:

- Basic installation (single panel, indoor, standard wiring): \$500-\$1,500

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