

Price of distribution boxes with grounding function



Article Overview

The typical cost to ground a distribution box ranges from \$400 to \$2,400 depending on complexity, materials, labor, and site conditions.

Cost Overview

The price for grounding a distribution box varies widely based on factors such as run length, number of grounding rods, soil conditions, and whether trenching or concrete restoration is required. For standard residential setups:

- Basic scenario: Short run (~8 ft), single rod, standard panel, no trenching. Materials ~\$90, labor 3 hours at \$95/hr, permits ~\$60, total around \$420 .
- Mid-range scenario: Moderate run (~15 ft), two rods, light trenching, concrete patch. Materials ~\$180, labor 5 hours at \$110/hr, permits ~\$120, miscellaneous ~\$70, total around \$1,000 .
- Premium scenario: Long run (~25 ft), complex routing, multiple bonding points, finished surface restoration. Materials ~\$250, labor 9 hours at \$125/hr, permits ~\$200, restoration ~\$300, total around \$2,400 .

Regional labor rates, permit costs, and soil resistivity can shift these ranges slightly. Choosing a local, certified electrician can reduce call-out fees and potentially save up to 40% by comparing multiple quotes .

Material and Installation Considerations...

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