



Price List of Advantageous Power Distribution Boxes

Article Overview

Power distribution boxes range from \$50 for compact residential units to over \$1,000 for industrial or outdoor-rated models with advanced features.

Overview of Pricing

- o Residential Single-Phase Boxes: Typically priced between \$50 and \$200, these units handle basic household circuits and may include standard circuit breakers and fuses .
- o Commercial Three-Phase Boxes: Designed for office buildings or small factories, prices range from \$300 to \$700, depending on amperage capacity, number of circuits, and integrated safety features .
- o Industrial and Outdoor-Rated Units: Heavy-duty boxes with weather-resistant enclosures, surge protection, and smart monitoring can cost \$800 to \$1,500 or more .

Key Features Affecting Price

- o Material and Durability: Stainless steel or corrosion-resistant enclosures increase longevity and cost, especially for outdoor installations .
- o Circuit Capacity: More circuits and higher amperage ratings raise the price. Modular systems allow expansion for EV chargers or solar panels .
- o Smart and Safety Features: Digital displays, remote monitoring, overload protection, and surge arresters add to upfront costs but improve energy efficiency and safety .
- o Customization: Special mounting configurations, labeling, or integration with building management systems can further influence pricing .

Popular Models and Examples

- o Champion Power Equipment OSHA Compliant Box: 50A twist-lock inlet, six 120V GFCI duplexes, outdoor-rated, corrosion-resistant, priced around \$400-\$500 .
- o Mollom 4-Way Power Distribution Box: Compact, IP66 waterproof, PC+ABS alloy, suitable for indoor/outdoor use, priced around \$120-\$150 .
- o WESTERN 6506TLSX Temp Power Box: Durable construction for construction or emergency use, multiple outlet configurations, price varies by supplier .

Wholesale Options

For bulk purchases, manufacturers offer factory-direct pricing with low minimum order quantities. Prices can be significantly lower per unit, especially for standard sheet metal or modular designs, with customization



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available for OEM/ODM orders .

Buying Considerations

- o Indoor vs Outdoor Use: Outdoor-rated boxes cost more due to weatherproofing and IP ratings .
- o Energy Efficiency: Units with load management and monitoring may have higher upfront costs but reduce long-term energy expenses .
- o Compliance: Ensure boxes meet local electrical codes, OSHA standards, and certification requirements . By evaluating capacity, durability, safety features, and installation environment, you can select a power distribution box that balances cost and long-term value.

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