

Price of Large-Size Distribution Boxes



Overview

Uline stocks over 45,000 shipping boxes, packing materials, warehouse supplies, material handling and more.

Key Takeaways

Large-sized distribution boxes come in residential, commercial, and industrial types, with prices ranging from a few hundred to several thousand dollars depending on capacity, features, and materials. Types of Large Distribution Boxes

1. Residential and Commercial Breaker Panels

- Standard breaker boxes for homes and small commercial buildings.
- Can include double meter panels for multi-unit properties.
- Typically handle 12–42 circuits and may be modular for future expansion . 2.

Industrial Distribution Boxes

- Designed for factories, warehouses, and harsh environments.
- Include medium-voltage panels, 3-phase junction boxes, and control panels.
- Built with reinforced casings, multiple breaker slots, and vibration or moisture protection . 3.

Outdoor and Weatherproof Enclosures

- IP66/IP68 rated for protection against dust, water, and UV exposure.
- Materials include high-performance plastics, diecast aluminum, or galvanized steel.

- Suitable for solar, telecom, or utility applications . 4. Modular and Smart Distribution Boxes

- Allow adding circuits for electric vehicles, solar panels, or automation systems without rewiring.

- Can include surge protection, remote monitoring, and energy management features .

Price Ranges

- Residential/Small Commercial Panels: \$200–\$800 depending on circuit capacity and material quality .

- Industrial Panels and Large Enclosures: \$1,000–\$5,000 or more, especially for custom or high-voltage applications .

- Smart or Modular Systems: \$500–\$2,500, with higher-end models integrating monitoring, surge protection, and future expansion capabilities .

Key Considerations

- Capacity: Number of circuits and future expansion needs.

- Material and Protection: IP rating, corrosion resistance, UV resistance, and impact protection.

- Application: Indoor vs outdoor, residential vs industrial, single-phase vs three-phase.

- Standards Compliance: IEC, UL, NEC, or local electrical codes.

- Internal Layout: Busbar arrangement, DIN rail space, and cable entry points for safe and organized wiring . Selecting the right large-sized distribution box involves balancing current electrical load, environmental conditions, and future expansion. Industrial and modular options provide flexibility and durability, while smart systems offer energy monitoring and enhanced safety features.

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