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Price of multiple three-level distribution boxes



Overview

These temporary power distribution boxes feature 1, 3 or 4 adjustable circuit breakers, with a range of amperage and voltage ratings.

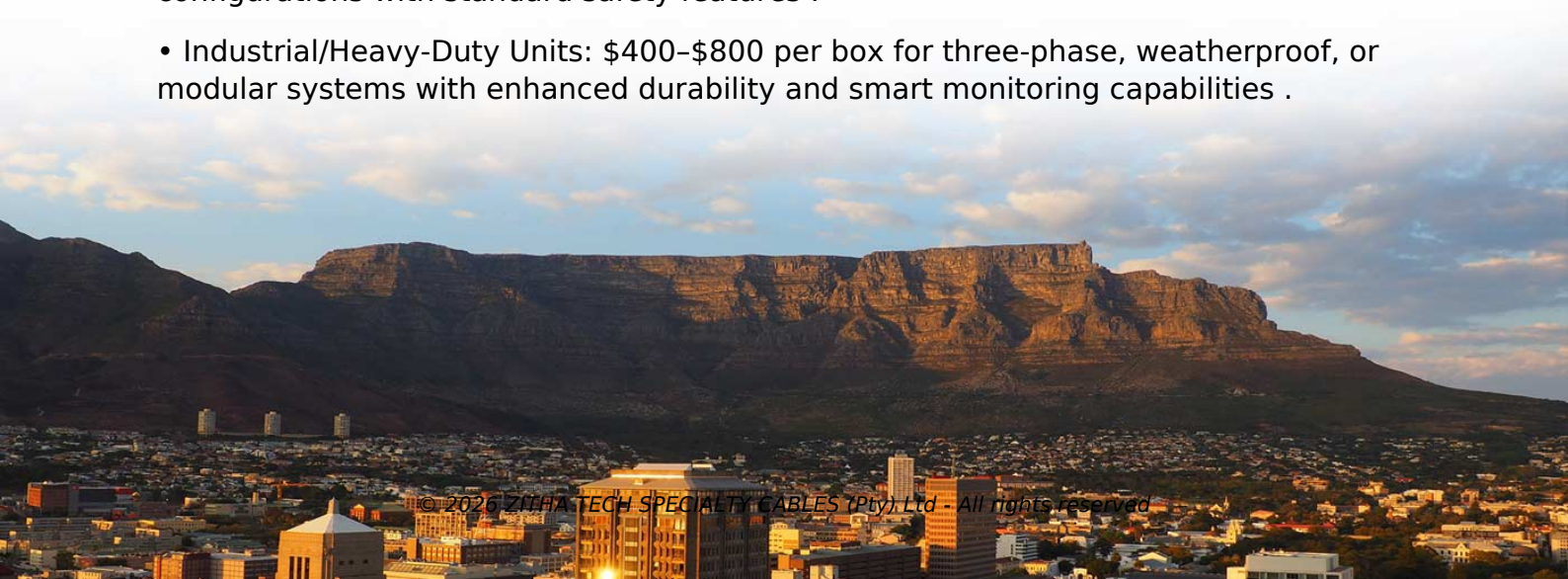
Key Takeaways

The price of a set of three-level distribution boxes typically ranges from $150 to $800 per unit, depending on specifications, materials, and customization options.Pricing Overview

The cost of distribution boxes varies widely based on voltage rating, amperage capacity, number of circuits, material construction, and protection class. Standard indoor units for residential or light commercial use are generally on the lower end of the price spectrum, while industrial-grade or outdoor-rated boxes with higher IP protection and advanced features command higher prices .

• Residential/Light Commercial Units: $150–$300 per box for basic three-level configurations with standard safety features .

• Industrial/Heavy-Duty Units: $400–$800 per box for three-phase, weatherproof, or modular systems with enhanced durability and smart monitoring capabilities .



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• Customization and OEM Options: Adding features such as custom busbar layouts, top cable entry modifications, or branding can increase the price significantly .
Factors Affecting Price
• Material: Steel, aluminum, or plastic enclosures affect durability and cost. Outdoor-rated or corrosion-resistant materials are more expensive .

• Protection Rating: IP42 to IP67 ratings determine suitability for indoor or outdoor use, influencing price .

• Number of Circuits and Phases: Three-phase systems or units with more circuits are costlier than single-phase or smaller units .

• Smart Features: Digital displays, remote monitoring, and energy management systems add to the upfront cost but can reduce long-term operational expenses .

• Bulk Orders: Wholesale purchases or distributor deals can lower per-unit costs, especially for standardized models .
Practical Considerations

When budgeting, consider installation, maintenance, and long-term operational costs in addition to the purchase price. Weather-resistant and modular units may have higher initial costs but provide better durability and flexibility for future expansion . In summary, a typical set of three-level distribution boxes can cost anywhere from $150 to $800 per unit, with the final price influenced by material, protection rating, phase configuration, and optional smart or customized features .

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