

Price of Construction Site Distribution Box Supports



AI Overview

Construction site distribution boxes typically range from \$150 to \$1,200 or more, depending on capacity, material, and features.

Overview A construction site distribution box (also called a site box or portable distribution unit) is used to safely distribute electrical power on temporary sites, providing circuit isolation, overload protection, and safeguarding against electrical faults through fuses, circuit breakers, or residual current devices. These boxes are designed for rugged environments, often waterproof, dustproof, and portable, making them suitable for outdoor construction sites.

Price Range Basic portable site boxes for small-scale construction or temporary setups typically cost \$150–\$300. These usually include standard sockets, a circuit breaker, and a differential switch. Mid-range units with higher amperage, multiple circuits, and enhanced safety features (IP65/IP67 waterproof rating, impact-resistant housing) generally range from \$300–\$700. Heavy-duty industrial or customized distribution boxes for large construction projects, high-power machinery, or hazardous environments can cost \$700–\$1,200 or more, depending on material (steel, thermoplastic, fiberglass), number of circuits, and integrated monitoring systems.

Factors Affecting Cost

- Material and Durability:** Steel or fiberglass enclosures are more expensive than basic plastic units but offer better protection against impact and weather.
- Voltage and Amperage Capacity:** Higher capacity boxes for three-phase power or heavy machinery increase the price.
- Safety Features:** Built-in circuit breakers, RCDs, emergency stop buttons, and IP-rated waterproofing add to cost.
- Portability and Size:** Compact, lightweight units are cheaper, while larger, multi-circuit boxes for industrial sites are more expensive.
- Customization:** Options like digital monitoring, remote control, or integration with building management system...

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ENERGY METALBOX Assemblies for Construction

ENERGY METALBOX range consists of construction site distribution boards in metal cabinets with technopolymer socket-outlets. The steel sheet enclosure is

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Key Points Of Installation And Collocation Of Distribution Box In ...

1. The power distribution system at the construction site shall be distributed in different levels. The main distribution box (or distribution room) shall be set up. The distribution box shall be set

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