

How to Choose the Price of Distribution Boxes on Construction Sites



Article Overview

Standard construction site distribution boxes typically range from \$150 to \$600 depending on capacity, material, and safety features.

Typical Pricing

- Basic single-phase site boxes for small construction projects generally cost \$150–\$250. These units provide standard electrical sockets, a circuit breaker, and a differential switch for safety .
- Three-phase or higher-capacity boxes suitable for larger construction sites or heavy-duty equipment can range from \$400–\$600 or more, depending on amperage, number of outlets, and integrated safety features .
- Premium or weather-resistant models designed for outdoor use, with waterproof and dustproof enclosures, may carry additional costs due to enhanced durability and compliance with IP65–IP67 ratings .

Key Features Affecting Price

- **Material Construction:** Thermoplastic, fiberglass, or steel enclosures influence durability and cost. Outdoor-rated boxes are more expensive due to weatherproofing .
- **Electrical Capacity:** Single-phase vs three-phase, amperage rating, and number of circuits directly impact pricing .
- **Safety Components:** Built-in circuit breakers, differential switches, and emergency stop buttons add to the cost but ensure compliance with safety standards

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ENERGYBOX Assemblies for Construction Sites (ACS) distribution

ENERGYBOX is a complete range of Assemblies for Construction Sites (ACS) pre-wired boards that can be wall-mounted or

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