

Price List for Electrical Distribution Boxes on Chinese Construction Sites

Article Overview

Electrical distribution boxes in China typically cost between \$20 and \$200 per unit, depending on type, material, IP rating, and order volume.

Pricing Overview

The cost of distribution boxes on Chinese construction sites varies widely based on material, size, protection level, and customization. Common materials include ABS plastic for indoor use, polycarbonate for UV and impact resistance, and aluminum or stainless steel for heavy-duty or outdoor applications, with prices increasing for higher durability and IP ratings (e.g., IP65 or IP68) for water and dust protection .

- o Standard indoor boxes: \$20-\$50 per unit
- o Outdoor or waterproof boxes: \$50-\$120 per unit
- o Heavy-duty industrial or custom OEM boxes: \$120-\$200+ per unit

Factors Affecting Cost

- o Order Volume: Wholesale or bulk orders significantly reduce per-unit cost. For example, ordering 100-1,000 units can lower prices compared to small quantities .
- o Customization: Custom colors, logos, pre-drilled holes, or installed terminals increase cost, with minimum order quantities (MOQs) typically starting at 100-500 units .
- o Protection Level: Higher IP ratings for outdoor or hazardous environments increase material and manufacturing costs .
- o Built-in Features: Boxes with circuit breakers, voltage/current displays, or plug-in designs for industrial use are more expensive than basic enclosures .

Practical Considerations

Construction sites often use rugged, waterproof, and portable distribution boxes to safely distribute power to tools, lighting, and temporary facilities. Proper selection ensures compliance with safety standards, overload protection, and durability under harsh conditions . For bulk procurement, contacting Chinese manufacturers or distributors directly is recommended to obtain current pricing, lead times, and customization options, as prices fluctuate with material costs and factory capacity . In summary, expect to pay \$20-\$200 per distribution box on Chinese construction sites, with the final cost determined by material, protection rating, features, and order size.



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