

How much does a power distribution box cost in Mozambique

Article Overview

A power distribution box in Mozambique typically costs between USD 100 and USD 500, depending on capacity, type, and quality.

Overview

The cost of a power distribution box (also called a distribution panel or breaker box) depends on several factors:

- o Voltage and current rating: Residential boxes (up to 63A) are cheaper, while industrial or commercial boxes (100A-400A or higher) are more expensive.
- o Number of circuits: More circuits increase the price. A small 4-8 circuit box is cheaper than a 12-24 circuit box.
- o Brand and quality: Imported brands or certified boxes (IEC standards) cost more than locally manufactured units.
- o Material and enclosure type: Metal enclosures are more durable but costlier than plastic ones.
- o Import duties and taxes: Mozambique imposes import taxes and VAT, which can increase the final price for imported boxes.

Estimated Price Range

- o Small residential distribution box: USD 100-200
- o Medium residential/commercial box: USD 200-350
- o Large industrial distribution box: USD 350-500 or more Prices may vary depending on suppliers in Maputo, Beira, or Nampula, and availability can be limited in rural areas due to Mozambique's underdeveloped distribution infrastructure and ongoing grid expansion projects .

Additional Considerations

- o Installation costs: Hiring a licensed electrician is recommended, which can add USD 50-150 depending on complexity.
- o Maintenance and upgrades: Modern boxes with surge protection or smart metering features may cost more but improve safety and reliability.
- o Local sourcing: Some local electrical suppliers and hardware stores in Mozambique may offer lower-cost options, but imported boxes are often preferred for quality and compliance with international standards. In summary, while a basic residential power distribution box may cost around USD 100-200, larger or industrial-grade boxes can reach USD 500 or more, with final costs influenced by capacity, brand, and import

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