

Outdoor Standard Distribution Box Size and Price



Overview

Amazon.com: Outdoor Power Distribution Box The purchase of Global Recycled Standard (GRS) certified products supports the use of recycled content in the sup.

Key Takeaways

Outdoor distribution boxes typically range from 12 to 42 circuits, with sizes and prices varying by amperage, material, and weatherproof rating. Standard Sizes

Outdoor distribution boxes are available in residential, commercial, and light industrial configurations. Common specifications include:

- Residential panels: Usually 12-24 circuits, supporting 100-200A main breakers, with physical dimensions around 14-24 inches wide, 24-36 inches high, and 4-6 inches deep .
- Commercial/industrial panels: Can support up to 42 circuits or more, with 200-400A capacity, and larger enclosures measuring 24-48 inches high, 18-36 inches wide, and 6-12 inches deep .
- Material and protection: Outdoor units must meet NEMA 3R, 4, or IP44/IP67 ratings for rain-tight and weatherproof protection . Enclosures are typically metal (steel or aluminum) or high-grade weather-resistant plastic.

Pricing



The cost of outdoor distribution boxes depends on size, amperage, number of circuits, material, and additional features:

- Small residential units (100–200A, 12–24 circuits): Approximately \$100–\$400 for basic models .
- Larger residential or light commercial units (200A+, 24–36 circuits): Around \$400–\$800, especially if pre-wired or with high IP ratings .
- Industrial or specialty outdoor panels (3-phase, 42+ circuits, high IP/NEMA ratings): Can range from \$800 to \$2,500+, depending on customization, surge protection, and smart monitoring features .
- Additional costs: Installation, mounting, and compliance with local electrical codes may add \$100–\$500 to the total project cost.

Key Considerations

- Amperage and circuit count: Ensure the box supports current and future load, especially for EV chargers or smart home systems .
- Weatherproof rating: Outdoor boxes must meet NEMA 3R/4 or IP44/IP67 to prevent water ingress and corrosion .
- Material durability: Metal enclosures offer higher mechanical strength, while plastic units resist corrosion and are lighter .
- Compliance: Must adhere to NEC Article 312 and UL standards for safety and inspection approval . By selecting the correct size, amperage, and weatherproof rating, you can ensure long-term reliability and code compliance while optimizing cost for your outdoor electrical installation.

Article Content

PRICE LIST 2025

_5 Sr. No. Cable size Box Dimensions (L x B x H) (mm) Packing Quantity (Nos.) Box walls without knockouts IP66 /- Each Price KX

Contact Us

Continue your research online:

Website: <https://coetzerinvestments.co.za>

Technical inquiry: <https://coetzerinvestments.co.za/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

