

Distribution box width 300



Overview

For low-power gear, terminals, and splicing, compact plastic or FRP boxes offer a lightweight, cost-effective solution.

Key Takeaways

A standard distribution box with a width of 300 mm typically measures 300x300x150 mm and offers robust protection for electrical installations. Dimensions and Material

Distribution boxes with a width of 300 mm generally have dimensions of 300 mm width, 300 mm height, and 150 mm depth . They are commonly made from metal sheet steel with epoxy polyester powder coating for durability and corrosion resistance, often in light gray (RAL 7035) . Some models include a zinc-coated mounting plate for easy installation of electrical devices .

Protection Ratings

These boxes are designed for both indoor and outdoor use, offering high protection against dust and water. Common protection ratings include:

- IP65: Dust-tight and protected against water jets
- IP66: Dust-tight and protected against powerful water jets and temporary immersion Additionally, some boxes provide IK10 mechanical impact resistance, ensuring durability against physical impacts .

Features

- Wall-mounted installation with a single door and locking system

- Mounting plate for electrical devices included
 - Sealing gasket to maintain water and dust protection
 - Transparent inspection openings may be available for monitoring without opening the box
 - Suitable for residential, industrial, and outdoor applications
- Applications

These 300 mm width distribution boxes are ideal for:

- Electrical cable distribution and connection
 - Housing circuit breakers, switches, and other electrical components
 - Outdoor installations where protection from dust and water is required
 - Industrial environments requiring robust mechanical protection
- Overall, a 300x300x150 mm distribution box provides a compact, durable, and versatile solution for electrical installations, combining high protection standards with practical mounting and accessibility features .

Article Content

Standard Electrical Enclosure Sizes: Chart, Dimensions & Selection ...

For low-power gear, terminals, and splicing, compact plastic or FRP boxes offer a lightweight, cost-effective solution.

Contact Us

Continue your research online:

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

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

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

