

RIVO MULTITRADE OPTICAL SYSTEMS

Price of Waterproof Plastic Distribution Box



Overview

XINYIELE Waterproof Distribution Protection Box, ABS Plastic Whether you need an AC disconnect box for outdoor installations or a DC breaker box for specif.

Key Takeaways

Plastic waterproof distribution boxes typically range from \$5 to \$50 per unit depending on size, material, and features, with IP65-IP68 ratings for outdoor and industrial use. Types and Materials

Plastic distribution boxes come in various types to suit different applications:

- Wall-mounted boxes: Compact and suitable for residential, commercial, or office installations, providing easy access to electrical circuits .
- Modular boxes: Expandable and customizable for industrial plants or commercial buildings with complex electrical systems .
- Portable boxes: Lightweight and mobile, ideal for temporary installations like construction sites or outdoor events .
- DIN rail boxes: Designed for mounting circuit breakers and electrical components on DIN rails, often used in industrial or solar power setups . Common materials include:
- ABS: Lightweight, cost-effective, suitable for indoor and moderate environments .

- Polycarbonate (PC): High impact resistance and transparency, ideal for field installations .
- Polypropylene (PP): Flexible, UV-resistant, and chemically resistant, suitable for outdoor use .
- PVC: Strong, rigid, and excellent electrical insulation, often used in industrial applications .

Waterproof and Safety Features

- IP Ratings: Most boxes are rated IP65–IP68, providing protection against dust, rain, and UV exposure .
- Sealing: Gaskets and silicone seals ensure water and dust resistance, maintaining safety for electrical components .
- Durability: Designed to withstand shocks, extreme temperatures, and outdoor conditions .

Price Range

- Small indoor boxes (e.g., 2-way or 5-way circuit breaker boxes): Approximately \$5–\$15 per unit .
- Medium-sized boxes (e.g., 8-way to 12-way DIN rail or wall-mounted boxes): Around \$15–\$30 per unit .
- Large or modular outdoor boxes with advanced features: Can cost \$30–\$50 or more, depending on size, material, and customization options .

Applications

- Residential buildings, workshops, hotels, and shopping malls .
- Industrial plants, power stations, and solar installations .
- Temporary outdoor setups like construction sites or events .

Summary

Plastic waterproof distribution boxes are versatile, durable, and available in a wide range of sizes and materials. Prices vary based on size, material, and features, with IP65–IP68 rated boxes providing reliable protection for both indoor and outdoor electrical systems. For bulk orders or custom sizes, suppliers like Alibaba and SinoBreaker offer tailored solutions .

Article Content

Plastic Electrical Boxes & Enclosures | Distribution Boxes Lebanon ...

Shop plastic electrical boxes and Distribution boxes in Lebanon. Waterproof IP65/IP66 enclosures for safe cable protection and

Contact Us

Continue your research online:

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

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

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

