Price of Waterproof Power Distribution Box



Overview

 IP65 Waterproof Level box: The product housing is constructed from high-quality ABS plastic and features an IP65 waterproof rating, effectively blocking splashing rain, dust, snow, and ultraviolet rays.

Key Takeaways

The installation price of a waterproof power distribution box typically ranges from $100 to $500 for standard residential or small commercial units, with higher-end industrial models costing $500–$1,500 or more depending on size, IP rating, and complexity. Cost Components1. Enclosure Price: Waterproof distribution boxes, rated IP65–IP68, are designed to protect electrical components from water, dust, and UV exposure.

Compact residential or small DIN rail boxes can cost $50–$200, while larger industrial-grade boxes with multiple circuits, reinforced materials, and advanced features may range from $300–$1,000 or more. 2. Installation Labor: Professional installation involves mounting the box, wiring, and ensuring proper sealing.

Labor costs vary by region and complexity but typically range from $50–$200 for standard residential setups. Industrial installations requiring heavy-duty mounting, multiple circuits, or integration with existing systems can increase labor costs to $300–$500. 3.

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Additional Materials: Installation may require expansion bolts, rubber sealing washers, DIN rails, or internal mounting plates. These materials can add $20–$100 depending on the box size and configuration. Factors Affecting PriceIP Rating: Higher ratings (IP66 or above) for extreme outdoor conditions increase both material and installation costs.

Material: ABS or polycarbonate enclosures are common; reinforced or UV-stabilized plastics cost more. Size and Capacity: Larger boxes with more circuits or DIN rail space require more labor and materials. Customization: Pre-assembled solutions, labeling, or integration with building management systems can increase costs.

Site Conditions: Outdoor installations on uneven or hard surfaces may require additional mounting hardware or labor.

Summary

For a typical residential waterproof distribution box, expect a total installation cost of $100–$500, including the box, labor, and basic materials. For industrial or large commercial applications, costs can rise to $500–$1,500 or more, depending on size, IP rating, and installation complexity. Proper installation ensures long-term protection against water, dust, and environmental stress, making the investment worthwhile for safety and reliability.

Article Content

Power Distribution Box 110V,IP65 Weatherproof Breaker Box

□ IP65 Waterproof Level box□: The product housing is constructed from high-quality ABS plastic and features an IP65 waterproof rating, effectively blocking splashing rain, dust, snow, and ultraviolet rays.

Waterproof Distribution Box | IP65 Plastic DIN Rail

Each enclosure delivers dependable IP65–IP68 sealing for outdoor and industrial use, with options for plastic waterproof distribution box housings and DIN rail

Junction Box, 15 Sizes Selection Box, Waterproof IP65 Junction Box,

IP65 junction box is resistant to dust and water, the protection class is IP65, plastic housing is highly flame retardant and well insulated, corrosion resistant, anti-static, good sealing performance, long

Waterproof Distribution Box Manufacturers & Suppliers

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Waterproof Distribution Box | IP65 & IP66 Rated

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Power Distribution Box, 110V Electricity Meter Electrical Box ...

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