

Price of Plastic Electrical Distribution Boxes

Article Overview

Plastic distribution boxes typically range from \$10 to \$150 or more, depending on size, material, features, and application.

Price Range and Factors

The price of plastic distribution boxes varies widely based on several factors:

- o Size and capacity: Small residential boxes for a few circuits may cost around \$10-\$30, while larger industrial or commercial boxes with multiple compartments can range from \$50 to \$150 or more .
- o Material quality: High-grade thermoplastics with UV resistance, corrosion-proof construction, and impact resistance increase durability and cost .
- o Protective ratings: Boxes with higher IP ratings for water and dust protection, or fire-resistant properties, are priced higher .
- o Features: Transparent covers, modular compartments, and pre-installed mounting options can add to the cost .
- o Application type: Outdoor or industrial-grade boxes designed for harsh environments are generally more expensive than standard indoor residential boxes .

Cost Advantages

Plastic distribution boxes are lighter and easier to install than metal alternatives, which reduces labor and shipping costs . Their manufacturing efficiency through injection molding allows suppliers to offer competitive pricing without compromising safety or quality . Additionally, standardized production ensures consistent performance, minimizing maintenance costs over the product's lifecycle .

Purchasing Options

- o Retail platforms: Websites like Amazon offer individual boxes for home improvement projects, typically in the \$10-\$50 range .
- o Wholesale suppliers: Platforms like Alibaba provide bulk purchasing options for residential, commercial, or industrial applications, often at lower per-unit prices depending on order volume .
- o Specialized distributors: Companies like Sunnom and Elmark provide boxes with advanced features, suitable for professional installations, with prices reflecting quality and certifications .

Summary

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When selecting a plastic distribution box, consider size, material, protective rating, and intended application. While prices can start as low as \$10 for small residential units, professional-grade or industrial boxes can exceed \$150. Choosing the right box ensures safety, durability, and cost efficiency over the long term .

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Price of Plastic Electrical Distribution Boxes

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This article helps readers make informed decisions when selecting between plastic and metal distribution boxes by

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