

Article Overview

Waterproof electrical distribution boxes in Nepal typically range from NPR 2,000 to NPR 15,000 depending on size, material, and IP rating.

Price Range and Types

- o Small ABS Plastic Boxes (IP65, 12-way): These are suitable for residential or light commercial use, offering protection against dust and water jets. Prices for a 12-way waterproof distribution box start around NPR 2,500-3,500 per unit when purchased online in Nepal .
- o Metal NEMA Enclosures (IP53-IP65): Designed for outdoor and industrial applications, these boxes are made from galvanized steel or robust metal, providing long-term durability and protection against harsh weather. Prices for these enclosures range from NPR 10,000 to NPR 15,000 depending on size and features like ventilation and shelving .
- o Standard Distribution Boards (IP43-IP65): Brands like Goldmedal Air and Electra Electric offer double-door or single-door distribution boards suitable for single-phase or three-phase systems. Prices vary based on configuration (SPN or TPN) and number of circuits, typically starting from NPR 3,000-5,000 for smaller residential units and higher for commercial setups .

Factors Affecting Price

- o Material: ABS plastic boxes are cheaper, while metal enclosures are more expensive due to durability.
- o IP Rating: Higher IP ratings (IP65 or above) provide better water and dust protection, increasing cost.
- o Size and Number of Circuits: Larger boxes accommodating more MCBs or breakers cost more.
- o Brand and Certification: Internationally certified products or well-known brands may carry a premium.

Where to Buy

- o Online Marketplaces: Daraz Nepal offers a variety of outdoor waterproof boxes at competitive prices . Ubuy Nepal provides both ABS plastic and metal NEMA enclosures with detailed specifications .
- o Local Suppliers: Electra Electric in Biratnagar and Vistaar Trade supply certified distribution boxes suitable for residential and commercial installations .

Recommendations

- o For residential outdoor use, a 12-way IP65 ABS plastic box is cost-effective and reliable.
- o For industrial or heavy-duty outdoor applications, a metal NEMA enclosure with IP53-IP65 rating is recommended for long-term durability.
- o Always check the IP rating, material, and number of circuits to match your installation requirements. By



Budget for waterproof electrical distribution box in Nepal

considering these factors, you can select a waterproof distribution box in Nepal that balances price, durability, and protection for your electrical system.

Shop Nema Outdoor Enclosure - IP Waterproof Electrical Box, Metal Galvanized (12x9x6) online at a best

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