

Fiji power distribution box model and dimensions



AI Overview

Fiji power distribution boxes are typically compact, with common meter box sizes around 630 x 630 mm, while larger pre-installed substation units are designed to occupy minimal floor space compared to conventional substations.

Typical Meter Box Dimensions

For residential and small commercial applications, galvanised meter boxes in Fiji are often sized at 630 mm x 630 mm (approximately 25 x 25 inches), providing secure housing for utility meters and basic distribution equipment. These boxes are weatherproof, corrosion-resistant, and tamper-resistant, making them suitable for outdoor installations.

Pre-Installed Substation Units

For larger power distribution needs, such as in urban high-rise buildings, mines, or temporary construction sites, YB series pre-installed substations combine high-voltage and low-voltage equipment into a compact unit. While exact dimensions vary by capacity, these units are designed to be 1/10 to 1/15 the floor area of conventional substations, significantly reducing installation space and construction costs. They are modular, movable, and allow convenient maintenance.

Considerations for Selection

Mounting Type: Surface mount, rack mount, or free-standing units may have different dimensions.

Capacity: Higher amp ratings or three-phase systems may require larger enclosures.

Environmental Protection: Outdoor boxes are typically weatherproof and corrosion-resistant.

Customization: Some suppliers offer custom-sized distribution boxes to fit specific site requirements.

In summary, small residential or commercial Fiji distribution boxes are commonly around 630 x 630 mm, while larger pre-installed substation units are compact but vary depending on capacity and configuration. For precise dimensions, it is recommended to consult the manufacturer or supplier specifications for the specific model you intend to use.

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Contact Us

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