

Dimensions of a 25A Distribution Box



Article Overview

A typical 25A distribution box has approximate dimensions ranging from 65 x 65 mm up to 361 x 254 mm, depending on the model and manufacturer.

General Dimensions

For low-voltage distribution boxes, such as those used in residential, industrial, or automotive applications, the enclosure sizes generally range from 65 x 65 mm to 361 x 254 mm, with varying depths depending on the number of circuits and internal components . These boxes are designed to accommodate a 25A rating and provide sufficient space for busbars, fuses, and wiring. Cover heights may vary, and some models offer smooth surfaces or metric-threaded knockouts for cable entry .

National Luna DC25 Distribution Box

The DC25 Distribution Box is specifically designed for 12V systems in trailers, caravans, and campers. It supports a 25A DC-DC charge system, multiple fused DC outputs, USB charging ports, and can handle lead-acid or lithium batteries . While the exact physical dimensions are not listed in the publicly available manual, the box is compact enough for fixed installations in vehicles and small enclosures, typically fitting within a medium-sized automotive or marine electrical compartment .

Installation Considerations

- **Mounting:** The box can be mounted in a fixed location, often on a wall or inside a cabinet....

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