

Installation method of rainproof distribution box glass

Article Overview

Install a rainproof distribution box by selecting a suitable enclosure, securely mounting it, sealing all entry points, wiring correctly, and performing insulation and functional tests.

1. Select the Right Box

Choose a distribution box with a high IP or NEMA rating (e.g., IP66 or NEMA 4) to ensure protection against rain, dust, and UV exposure. Materials can include stainless steel, polycarbonate, ABS plastic, or fiberglass, depending on environmental conditions. Ensure the box size accommodates current and future equipment and allows proper air circulation to prevent overheating .

2. Prepare the Installation Site

- Mount the box on a stable, vertical surface such as a wall or pole.
- Maintain a height of approximately 1.5 meters for accessibility.
- Ensure the location is dry, ventilated, and free from obstructions.
- For siding or uneven surfaces, use a mounting block to create a level base .

3. Mounting the Box

- Align the box with pre-drilled holes or mark positions for expansion bolts.
- Secure the box using appropriate screws or anchors (e.g., masonry screws for brick...)

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The installation requirements for the distribution box

Before starting the installation, finding a proper place for putting the distribution box is

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