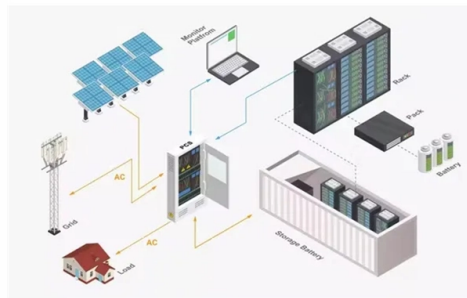


How to disassemble the home electrical distribution box



Article Overview

Disassembling a household electrical distribution box requires turning off the main power, removing circuit breakers safely, and carefully handling all wiring while following strict safety precautions.

Safety First

Before attempting any disassembly, cut off the main power supply to prevent electric shock or injury. Confirm that all circuits are de-energized using a voltage tester. Wear insulated gloves, safety goggles, and protective clothing, and if the box contains high voltage or complex wiring, consider hiring a qualified electrician .

Step-by-Step Disassembly

- Turn Off Main Power Switch off the main breaker to disconnect electricity from the entire distribution box. Verify with a voltage tester that no current is present .
- Document Wiring Take clear photos or label each wire and circuit breaker. This ensures correct reconnection later and prevents wiring errors .
- Remove Circuit Breakers
 - Identify the type of breakers (MCB, RCB, or RCBO) and their positions .
 - Carefully unclip or unscrew each breaker from the bus bar.
 - Disconnect the wires attached to each breaker, noting their original positions .
- Disconnect Neutral and Ground Wires Loosen screws on the neutral and ground bus bars and carefully remove the wires, keeping them organized for reinstallation

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