



FTMRS SOLAR

Brazzaville DC panel inverter installation





Overview

What is a solar panel inverter?

In simple terms, it's the brain of your solar power system. Solar panels generate direct current (DC) electricity, but your home appliances run on alternating current (AC). The inverter's job is to convert that DC power into usable AC power for your home. Let's get into the core of installing your solar panel inverter.

How do I install a solar inverter?

Mount the Inverter: Place the inverter on the mounting rack and fasten it securely using the appropriate tools. Once the inverter is mounted, proceed with connecting it to the solar PV system: **Connect the DC Terminals:** Use PV cables to connect the solar panels to the inverter's DC terminals.

What is a central inverter used for?

Central inverters are used for larger-scale applications, such as grid-connected solar power plants. Inverters typically consist of several components, including input terminals, output terminals, control circuitry, and power conversion circuitry.

How do I connect an inverter to my home electrical system?

To integrate the inverter with your home electrical system: **Turn Off the Main Power Supply:** Ensure safety by cutting off the main power supply before making any connections. **Connect to the AC Distribution Box:** Use appropriate cables to connect the inverter to the home's AC distribution box, following the wiring diagram.



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