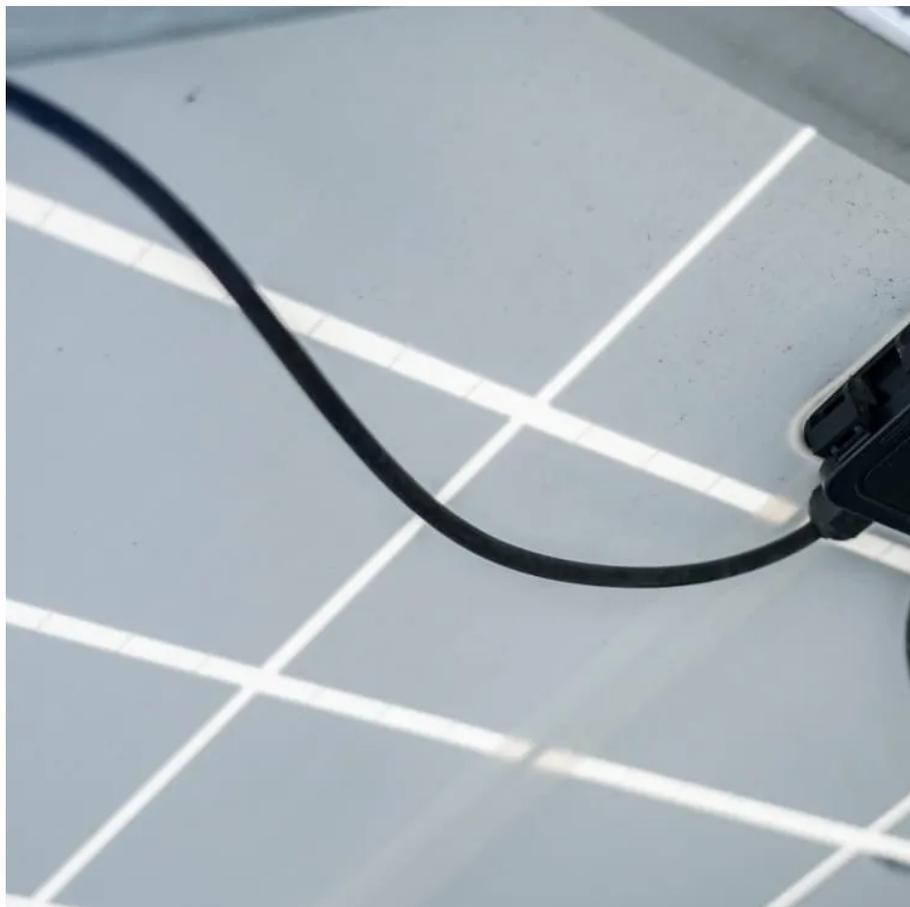


Kongres Container

Stackable lithium battery pack



Overview

What is stacked lithium battery backup for home?

Stackable Lithium Battery Backup for Home is a modular energy storage solution designed to provide backup power for home appliances and devices during power outages or emergencies. The system is made up of individual lithium-ion battery modules that can be stacked together to create a larger energy storage system.

What is a solar stackable battery storage system?

Whether it is a small family home or a large villa, the solar stackable battery storage system can meet its power needs and is an advanced, efficient and environmentally friendly home energy battery storage solution. Diversified use scenarios of 51.2 v lithium ion battery, supporting off-grid and grid-connected switching.

How long does a stacked lithium backup battery last?

The duration of a stackable lithium backup battery for home will depend on several factors such as the capacity of the battery, the amount of power being used by the household, and the number of batteries stacked. Generally, a single lithium battery backup can last from a few hours to a day or two, depending on the power usage.

What is a lithium ion battery system?

Lithium ion Batteries: The battery modules use Lithium Battery technology, which is known for its high energy density, long life, and low maintenance requirements. **Backup Power:** The system is designed to provide backup power for home appliances and devices during power outages or emergencies.

How does the stack'd battery management system work?

The Stack'd Series has a built-in BMS battery management system, which can

manage and monitor cell's information including voltage, current and temperature. What's more, the BMS can help extend the cycle life by balancing cells during charging and discharging.

Which lithium phosphate battery is the safest?

The lithium iron phosphate battery (LiFePO₄ or LFP) is the safest of the mainstream lithium battery types. Adopted self-cooling mode efficiently reduces any system noise. The module has less self-discharge, up to 6 months without charging on a shelf, no memory effect, with excellent performance of shallow charge and discharge.

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