

SolarInnovate Energy Solutions

Off-grid inverter customization



Overview

What is an off-grid inverter?

An 'Off Grid' or 'camping' inverter is a type of inverter that requires battery, wind, or solar power to function. It is commonly used off the grid and can be fixed or portable if small enough.

Should I buy an inverter for my off-grid power system?

Every time power is converted a little electricity is lost thereby losing some efficiency in your off-grid power system. While the loss is only small, it's still something to consider. You also don't have the added cost of buying an inverter. Low Energy Use DC appliances are designed to run on less watts than AC appliances.

What is a grid-tied inverter?

A grid-tied inverter is a newer technology that generates power only during the daytime from a large array of solar panels. It can either use all the generated power in the building or partially inject it back into the national grid network to earn credits.

Does an off-grid inverter have a battery charger?

Many off-grid inverters have an integrated battery charger, which is used to recharge your batteries during the winter months with a backup generator. The battery charger's rating is usually measured in amps (DC). Most decent off-grid inverters have a battery charger in the range of 50-100 amps.

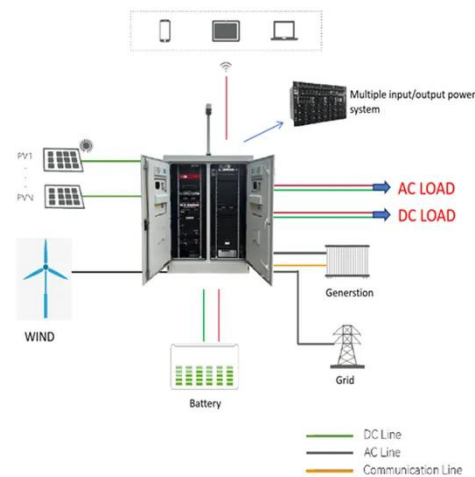
What is a syncris inverter?

SYNCRIS Inverters revolutionize energy output by generating Single-, Two-, Three-, and Poly-phase outputs from a single, virtually infinitely stackable module. By leveraging SYNCRIS Enabled microgrids, customization needs are minimized, leading to cost reductions and increased efficiency for resellers and end-users alike.

What is a patented inverter?

Responding in perfect unison, our patented inverters allow for seamless grid integration and effortless scalability. Our unique inverter technology holds multiple patents and draws from the most cutting-edge science, allowing our microgrids to perform like no others.

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