



SolarTech Power Solutions

High-power charger inverter



Overview

What is a 3000W solar inverter battery charger?

With 3000W rated power, 9000W surge power, 90% efficiency, dual cooling fans, and LCD monitoring, it's the smart choice for stable, high-demand off-grid or backup systems. LiTime 24V 3000W solar inverter battery charger delivers up to 60A solar charge, 50A AC-DC charge, and 3000W pure sine wave output—all in one unit with 110A max shared current.

How much power does a car inverter use?

Supplying up to 1600-Watt of peak power and 800-Watt of continuous output, the inverter converts vehicle DC power into household AC and USB power using a modified sine wave. This inverter features two 3-prong AC outlets and one 2.1 Amp USB port, allowing you to run and recharge up to 3-electronics at once.

What is a litime 24V 3000W inverter charger?

LiTime 24V 3000W inverter charger integrates a solar charge controller (MPPT), a pure sine wave inverter, and a battery charger into one unit. This simplifies wiring, reduces installation space, and enables seamless switching between solar, grid, and battery sources—ideal for backup power systems.

Why should you choose an inverter charger?

Inverter charger can save installation space, simplify connection operation and reduce wire cost, and is more suitable for home storage and RV, trailer, truck, boat, mobile business, and more.

Does the UPower-Hi inverter charger work off-grid?

The UPower-Hi inverter charger is only for off-grid applications; although it has grid bypass functionality, it cannot feed power back to the grid. 2 people found this faq useful.

How to choose a power inverter?

There are two main factors to consider when choosing a power inverter: output and connectivity. Output: Output is measured in watts, and on inverters, it runs from about 150 watts to a maximum of 10,000 watts. Connectivity: All the power in the world won't do you any good if you can't plug in your devices.

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