

Off-Grid Solar Power Inverter

This off-grid solar power inverter converts DC power from solar panels or batteries into AC power for appliances and electronics. It features overload, over voltage, short circuit, and over temperature protection.



ADDITIONAL IMAGES



Overview

High-Performance Off-Grid Power Solution

This high-frequency solar power inverter efficiently converts DC power from solar panels or batteries into reliable AC power for household appliances and electronics. Designed for versatility, it supports 12V and 24V battery systems and features advanced microprocessor-based design for stable output. With built-in safety protections and intelligent cooling, it provides a dependable energy solution for off-grid, backup, and mobile power applications.

Technical Specifications



Detailed layout of the inverter, including battery terminals, intelligent cooling fan, and internal high-quality components like MOSFETs and transformers.

Safety Protections

- Overload protection
- Over voltage protection
- Short circuit protection
- Over temperature protection
- Reverse polarity protection (by fuses)

Compliance Standards

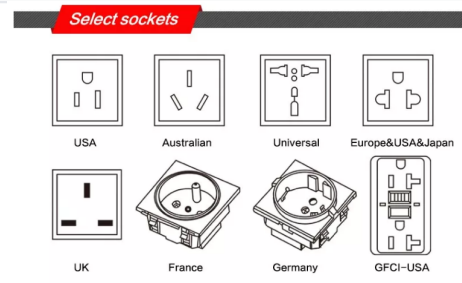
CE • FCC • RoHS

Supported DC Input	12V, 24V
Output Waveform	Pure Sine Wave / Modified Sine Wave
USB Charging Port	5V 2.1A

Design & Interface



The inverter features a new color LCD display for real-time monitoring of input/output voltage and power consumption, alongside a 5V USB port.



Wide range of AC socket options available to ensure compatibility with international standards including USA, UK, EU, and Australia.

Interface & Indicators

- Color LCD display (monitoring voltage, frequency, power)
- LED indicator (Green: Work, Red: Fault)
- Power ON/OFF switch
- Intelligent cooling fan

Compatible Socket Types	USA, Australian, Universal, Europe, Japan, UK, France, Germany, GFCI-USA
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