

# 1kW 12V Solar Inverter with 70A Charge Current

This 1kW 12V solar inverter provides reliable power conversion for solar energy systems. Featuring a 70A charge current and robust construction, it is suitable for off-grid and backup power applications.



## ADDITIONAL IMAGES



## Overview

### Reliable Off-Grid Power Solution

This low-frequency solar inverter is engineered for robust power conversion in off-grid and backup applications. It efficiently transforms DC power from solar panels or batteries into stable AC power, making it suitable for residential and small commercial installations. With advanced protection features and the ability to handle demanding inductive loads, it provides a dependable energy source for various electronic devices.

## Key Metrics

### Power Rating

|                            |                               |                               |
|----------------------------|-------------------------------|-------------------------------|
| <b>1 kW</b><br>Rated Power | <b>70 A</b><br>Charge Current | <b>12 V</b><br>System Voltage |
|----------------------------|-------------------------------|-------------------------------|

## Technical Features

|                     |  |
|---------------------|--|
| Inverter Type       | Low-frequency  |
| Protection Features | Overload Protection, Short Circuit Protection, Over-temperature Protection |
| Load Handling       | Optimized for inductive loads  |

## Usability

### User Interface

- Integrated monitoring display
- User-friendly control interface
- Superior starting power capability

## Applications

### Ideal Use Cases

Residential Solar • Small Commercial • Off-grid Systems • Backup Power