

# 3000VA Modified Sine Wave Power Inverter

This power inverter converts 12V DC to 220V AC. It delivers a 3000VA modified sine wave output and includes a USB port.



## Overview

### High-Efficiency Portable Power Conversion

This 3000VA modified sine wave power inverter is an ideal solution for off-grid and portable power needs, converting 12V DC input to 220V AC output. Designed with advanced high-frequency technology, it offers a compact, lightweight form factor suitable for home use and mobile applications. It features intelligent cooling and multiple safety protections to ensure reliable operation for a wide range of resistive household appliances.

## Technical Specifications

Rated Capacity	3000 VA
Input Voltage	12V DC
Output Voltage	220V AC
Output Waveform	Modified Sine Wave
Conversion Efficiency	70 %
USB Charging Output	5V 1A

## Features & Safety

### Compatible Loads

- Resistive household appliances
- Laptops and mobile devices
- Lighting (lamps, fluorescent)
- Consumer electronics (TV, DVD players, gaming consoles)
- Small kitchen appliances

### Performance Highlights

**5 V**

USB Output Voltage

**1 A**

USB Output Current

### Safety Protections

Overload Protection, Overvoltage Protection, Low Voltage Protection, High Temperature Protection, Short Circuit Protection

### Cooling System

Intelligent MCU-controlled cooling fan