

# 300W-600W Pure Sine Wave Inverter

This pure sine wave inverter converts DC power to AC power with a stable and reliable pure sine wave output. Available in models ranging from 300W to 600W, it features advanced protection and high efficiency.



## ADDITIONAL IMAGES



## Overview

### Professional Pure Sine Wave Power Solution

This versatile pure sine wave inverter provides clean and reliable AC power, making it an ideal long-backup solution for home and office appliances. Featuring advanced DSP digital control technology, it supports various load types including resistive, inductive, and rectified loads. With a built-in intelligent charger, it seamlessly functions as a high-performance UPS for computers and critical electronics.

## Technical Specifications

### Power Range

**300 W**

Min Power

**600 W**

Max Power

Maximum Charging Current

30 A

Output Waveform

Pure Sine Wave

## Features

### Safety Features

- Short circuit protection
- Overload protection
- Low battery protection
- Reverse battery protection with buzzer

### Operational Features

- Tower/Rack mounting
- DSP digital control
- Settable charge current and voltage
- No-load shutdown energy saving mode
- Generator compatibility

### Compatible Load Types

Resistive, Inductive, Rectified, Motors

## Installation

### Interface Components

Component	Function
AC Breaker	Input circuit protection
Battery MCB	Battery side isolation
Cooling Fan	Active temperature management