

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