

HIG3000

High - Frequency Charging and Inverting Integrated Machine



-  Pure Sine Wave Output
-  Supports Up To 3000w Ac Charging
-  93% High Conversion Efficiency
-  Small In Size And Light In Weight

Overview

Born for your power needs, the pure sine wave inverter charger, with its advanced design, becomes a reliable power partner for families, small apartments, RVs, trailers, and other scenarios.

It can stably output pure sine wave AC power, matching a variety of electrical equipment. When there is no electricity from the grid; when there is no grid power, it can use the battery to charge, with multiple charging modes, suitable for AGM, GEL, flooded, tubular batteries and other battery types. The built - in transfer switch is more secure. When the grid power is interrupted, it automatically switches to battery power supply, ensuring the continuous operation of the load.

Equipped with an easy - to - use hand - held device, adding a sense of security for the use of equipment, and making the start - up quick, stable, and the electrical energy more pure.

- Supports CAN BUS/CI - BUS communication.
- Supports up to 3000W AC charging power, suitable for AGM (absorbed glass mat battery), GEL (gel battery), Flooded (flooded battery), Lithium (lithium battery).
- Low total harmonic distortion (THD), can work stably with sensitive loads
- Has high temperature working adaptability.
- Ultra - wide voltage range, 100% continuous output in the range of 25 - 50°C
- Low no - load power consumption, energy - saving

HIG3000 Product Introduction

Type		HIG3000
Type		
Inverter Mode		
Rated Output Power		3000W
Maximum Starting Power		9000W
AC Output Voltage		220V
Frequency		50±1Hz
Efficiency		
Maximum Efficiency		94.5%
Input		
Battery Voltage		12V
Nominal Battery Voltage		10.5V±0.2V
Maximum Charging Voltage		15V±0.2V
Charger Mode		
Output		
Maximum Charging Power		2500W
Floating Voltage		14.4V (Lead - acid), 14.6V (Lithium)
Equalization Voltage		13.8V (Lead - acid), 14.4V (Lithium)
Input		
Grid Voltage		154Vac - 264Vac
Frequency		47 - 53Hz
Power Factor		>0.95 (RMS)
Other		
No-load Loss		9W (typical value)
Ambient Temperature		25°C~+50°C
Storage Temperature		-25°C~+65°C
Dimensions (L×W×H)		430x268x105mm
Weight		7.6kg
Protection Functions	Output over - voltage, input over - voltage/under - voltage, over - temperature, reverse connection	