



3500VA 3500W 5500VA 5500W On Grid Off Grid Hybrid Solar Inverter

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: GFS
- Certification: CE
- Model Number: HFP3500
- Minimum Order Quantity: 10 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T, T/T

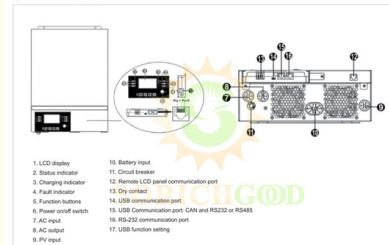


GFS-HFMI V SERIES High Frequency Pure Sine Wave Hybrid Inverter

Product Specification

- Rated Power: 3500VA/3500W, 5500VA/5500W
- Battery Voltage: 24VDC/48VDC
- Efficiency (Peak): 93%
- MPPT Range At Operating Voltage: 120–450VDC
- Max Solar Charge Current: 80A
- AC Voltage Regulation: 230VAC $\pm 5\%$
- Highlight: **3500W on grid off grid hybrid solar inverter, 3500VA on grid off grid hybrid solar inverter, 5500W inverter off grid hybrid**

Product Overview



GFS-HFMI V SERIES High Frequency Pure Sine Wave Hybrid Inverter-1

Product Description

Versatile and Hybrid Inverters for Grid-Tied and Off-Grid Solar Setups

Product Description

This is an upgraded multi functional inverter/charger, combining functions of inverter, solar charger and AC charger to offer uninterruptible power support in portable size. Support Bluetooth for mobile monitoring, and its detachable LCD display module offers user-configurable and easy-accessible button operation such as battery charging current, AC/solar charger priority, and acceptable input voltage based on different applications.

Main Features

- Detachable LCD control module with multiple communications.
- High efficiency pure sine wave inverter, Wide PV input range large Intelligent 3stage AC charging.
- Surges to 2X continuous power for 5 seconds for motor loads.
- Support solar input prioritization.
- Support operation without battery, supply power from Grid or PV if battery not available.
- Auto restart while AC is recovering.
- Field serviceable with replacement boards and spare parts.

Product Description:

This upgraded multi-functional inverter/charger combines the features of an inverter, solar charger, and AC charger to ensure an uninterrupted power supply, all within a compact, portable design. With Bluetooth support for mobile monitoring, the detachable LCD display module allows user-friendly configuration of settings such as battery charging current, AC/solar priority, and input voltage thresholds for different applications.

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Rated Power 3500VA/3500W 5500VA/5500W

INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280 VAC(For Personal Computers); 90-280 VAC(For Home Appliances)	
Frequency Range	50 Hz/60 Hz(Auto sensing)	
OUTPUT		
AC Voltage Regulation		230VAC±5%
(Batt.Mode)		
Peak Power	7000VA	11000VA
Efficiency(Peak) 93%		
Transfer time	10 ms(For Personal Computers); 20 ms(For Home Appliances)	

Waveform		Pure sine wave
BATTERY		
Battery Voltage	24VDC	48VDC
Floating Charge Voltage	27VDC	54VDC
Overcharge Protection	33VDC	60VDC

SOLAR CHARGER & AC CHARGER	
Max.PV Array Open Circuit Voltage	500VDC 500VDC
Max.PV Array Power	4000W 6000W
MPPT Range @operating Voltage	120-450VDC 120-450VDC
Max.Solar Charge Current	80A 80A
Max.AC Charge Current	60A 60A
Max.Charge Current	100A 100A
PHYSICAL	

Dimension,,D*W*H(m m)		130*300*440
Net weight (kg)	9	10
Communication Interface USB/RS232/RS485/BLUETOOTH/DRY-CONTACT		
Optional function	WIFI/4G	
ENVIRONMENT		
Humidity 5%to 95%Relative Humidity (Non-condensing)		
Operating Temperature -10°C-50°C		
Storage Temperature -15°C-60°C		
Note:can be customized according to customer requirements		

Application:

Ideal for residential and small commercial energy storage systems, this inverter can be used in grid-tied or off-grid solar setups. Its ability to operate without a battery ensures versatility, making it suitable for areas with frequent power outages or variable grid stability. Designed for easy installation, it is a perfect solution for homes and businesses seeking efficient energy management.

Shipping Methods

Supports global air and sea shipping.



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