



Eco-Friendly and Energy Solution Hybrid Inverters for Various Applications

Our Product Introduction

Basic Information

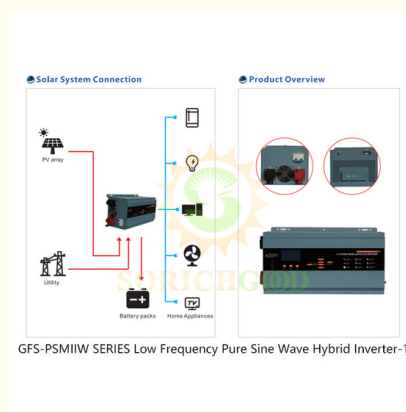
- Place of Origin: China
- Brand Name: GFS
- Certification: CE
- Model Number: PS2W
- Minimum Order Quantity: 50 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



GFS-PSMIW SERIES Low Frequency Pure Sine Wave Hybrid Inverter

Product Specification

- Rated Power: 1KW - 6KW (Multiple Options Available)
- PV Input Voltage Range: Up To 200VDC
- MPPT Efficiency: $\geq 98\%$
- Output Waveform: Pure Sine Wave
- Battery Voltage: 12VDC/24VDC/48VDC
- Charging Current: Up To 90A
- Highlight: 6kw hybrid inverters,
6kw mppt solar charge controller



GFS-PSMIW SERIES Low Frequency Pure Sine Wave Hybrid Inverter-1

Product Description

Eco-Friendly and Energy Solution Hybrid Inverters for Various Applications

Product Description

This is a solar hybrid inverter with a built-in MPPT solar controller. It is suitable for powering various devices such as home and office equipment, vehicle systems, and solar energy systems, ensuring reliable performance with intelligent features for efficient operation.

Rated power 1KW 2KW 3KW 4KW 5KW 6KW								
Input								
Grid input voltage range		160-260VAC						
Grid frequency range		50Hz-60Hz(auto-sensing)						
OUTPUT								
Output voltage		110VAC/120VAC/220VAC/230VAC/240VAC						
Output frequency		50Hz/60Hz						
Output efficiency		290%						
Output wave			Pure sine wave					
BATTERY SPECS								
Battery voltage		12VDC/24VDC/48VDC	24VDC/48VDC		48VDC			
Battery low-voltage protection		10VDC/20VDC/40VDC	20VDC/40VDC		40VDC			
Battery high-voltage protection		16.5VDC/33VDC/66VDC	33VDC/66VDC		66VDC			
Battery type		Leadacid,Gel,lithium battery,customized						
Adjustable battery charging Enter custom settings:users can adjust the voltage independently,								
voltage applicable to all battery types								
CHARGING CONTROL								
AC charge function		Can be opened or closed at any time						
AC charging current		Small,medium,high,super high(10A-90A)						
SCC type		MPPT						
MPPT chargingefficiency		≥98%						
Charging mode		Lead-acid:three-stage charging,constant current,constant voltage,floating charge Lithium battery:constant current,constant voltage						
PVmaximum input voltage		200VDC						
PV charging current		Max 60A						
PV power		1000W 1800W 3500W						
GENERALPARAMETERS								
		It will alarm at 110%load,shut down in 1 minute at 120%load,shutdown in 3 seconds						
Overload alarm		at 150%load.Automaticshutdown when the load is lower than 8%						
Protection function		Battery undervoltage,overvoltage,short circuit,input too high, nput too low,overtemperature,low temperature,etc.protection						
4 operationmodes		Grid priority mode,battery priority mode,energy saving mode,RV priority mode						
		Automatically intelligent speed regulation according to the internal temperature of the machine						
Conversion time		<5ms						
Environment temperature		-10°C~50°C						
Peakstarting power		3 times						
RS232 communication		Support(Optional)						
WiFi/GPRS		Support (Optional)						
Mobile APP		Support(Optional)						
SIZE,D*W*H(mm) 560*305*265 560*335*265								
Net weight (kg)		16	19	21	28	31	35	

Application

This inverter is suitable for residential, commercial, and industrial applications where uninterrupted power is essential. It can be used to power home appliances, office equipment, vehicle systems, and solar energy systems, providing an eco-friendly and efficient energy solution. It is especially suitable for regions with unstable power supply or off-grid areas, where reliable energy management is crucial.

Shipping Methods

Supports global air and sea shipping.



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