



Multi Function Hybrid Inverters For Essential Appliances And Continuous Operation

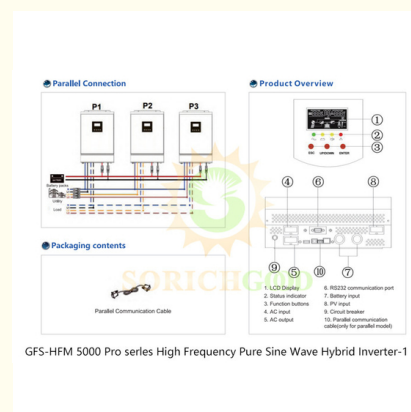
Basic Information

- Place of Origin: China
- Brand Name: GFS
- Certification: CE
- Model Number: HFP230
- Minimum Order Quantity: 18 units
- Price: consult prices online
- Packaging Details: consult online
- Payment Terms: T/T



Product Specification

- Rated Power: 5000VA/5000W
- Peak Power: 10000VA
- Efficiency (Peak): 93%
- Maximum PV Array Power: 6000W
- Battery Voltage: 48VDC
- MPPT Range @ Operating Voltage: 120-430VDC
- Highlight: **Multi Function Hybrid Inverters, 5000VA Hybrid Inverters, 5000W 48v hybrid inverter**



Product Description

Multi-Function Hybrid Inverters for Essential Appliances and Continuous Operation

Product Description:

This is a multi-function inverter/charger that combines the functionalities of an inverter, solar charger, and AC charger into a portable unit. It is designed to provide uninterrupted power support and features a detachable LCD control module for user-configurable operations. This includes setting battery charging current, prioritizing AC/solar input, and selecting acceptable input voltage for various applications. Additionally, it supports mobile monitoring via Bluetooth and provides enhanced serviceability with field-replaceable parts.

Rated Power 5000VA/5000W	
Parallel Capability	9 units
INPUT	
Voltage	230VAC
Selectable Voltage Range	170-280 VAC(For Personal Computers); 90-280 VAC(For Home Appliances)
Frequency	50 Hz/60 Hz(Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt.Mode)	230VAC \pm 5%
Peak Power	10000VA
Efficiency (Peak)	93%
Transfer Time	10 ms(For Personal Computers); 20 ms(For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Overcharge Protection	60VDC

SOLAR CHARGER & AC CHARGER	
Maximum PV Array Open Circuit Voltage	500VDC
MPPT Range @Operating Voltage	120-430VDC
Maximum PV Array Power	6000W
Maximum Solar Charge Current	80A
Maximum AC Charge Current	60A
Maximum Charge Current	100A
PHYSICAL	
Dimension,,D*W*H(mm)	125*300*470
Net weight(kg)	7.6
Optional function	BMS/WIFI/4G
ENVIRONMENT	
Humidity	5%to 95%Relative Humidity(Non-condensing)
Operating Temperature	0°C-50°C
Storage Temperature	-15°C-60°C
Note:can be customized according to customer requirements	

Application:

This product is ideal for home or business energy storage systems where reliable power backup is necessary. It ensures continuous operation for essential appliances, particularly during power outages, and supports grid or photovoltaic (PV) power input. It is suitable for off-grid applications and environments with fluctuating power supply, offering seamless transition between grid, battery, and solar power.

Shipping Methods

Supports global air and sea shipping.



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