

INVERTER

GPHi-6KW#48VPVR

GOOG
POWER

6KW Hybrid Inverter



Features:

- Dual output for smart load management.
- Detachable LCD control module with various communications.
- Supports USB On-the-Go function.
- Maximum PV input current 27A
- Built-in WiFi for mobile monitoring (App is available).
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS.
- Replaceable fan design for ease of maintenance.
- User-friendly LCD operation.

Technical Specifications

MODEL		GPHi-6KW#48VPVR
	RATED POWER	6000VA/6000W
INPUT	Voltage	230 VAC
	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 (Batt. Mode)	230VAC \pm 10%
	Surge Power	12000VA
	Efficiency (peak)	90~93%
	Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
	Waveform	Pure sine wave
BATTERY	Battery Voltage	48 VDC
	Floating Charge Voltage	54 VDC
	Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	Solar Charger type	MPPT
	Maximum PV Array Power	6000W
	MPP Range @ Operating Voltage	60 ~ 450 VDC
	Maximum PV Array Open Circuit Voltage	500 VDC
	Maximum PV Input Current	27A
	Maximum Solar Charge Current	120A
	Maximum AC Charge Current	100A
Maximum Charge Current	120A	
PHYSICAL	Dimension, D x W x H (mm)	115 x 300 x 435
	Net Weight (kgs)	10
	Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
OPERATING ENVIRONMENT	Humidity	5% to 95% Relative Humidity (Noncondensing)
	Operating Temperature	-10°C to 50°C
	Storage Temperature	-15°C to 60°C