

GPH-M2-3K-24L



- Pure sine wave solar inverter
- Selectable input voltage range for home appliances and personal computers
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Built-in BMS communication port
- Smart battery charger design for optimized battery performance
- Parallel operation with up to 9 units

GPH-M2-3K-24L Inverter Specification

MODEL	GPH-M2-3K-24L
RATED POWER	3000VA/3000W
INPUT	
Voltage	120 VAC
Selectable Voltage Range	100-140 VAC (For Personal Computers) 70-140 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	120VAC ± 5%
Overload capacity	5s@≥150% load; 10s@110%~150% load; 100ms @ ≥200% load
Efficiency (Peak)	90 %
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	3000W
MPPT Range @ Operating Voltage	90 ~ 230 VDC
Maximum PV Array Open Circuit Voltage	250 VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
Maximum Charge Current	80A
PHYSICAL	
Dimension, D x W x H (mm)	135 x 300 x 480
Net Weight (kgs)	11.5
Communication Interface	BMS (RS485, CAN) and RS232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice.