

HLS Series 3KW PV 100VDC 220/230VAC Output

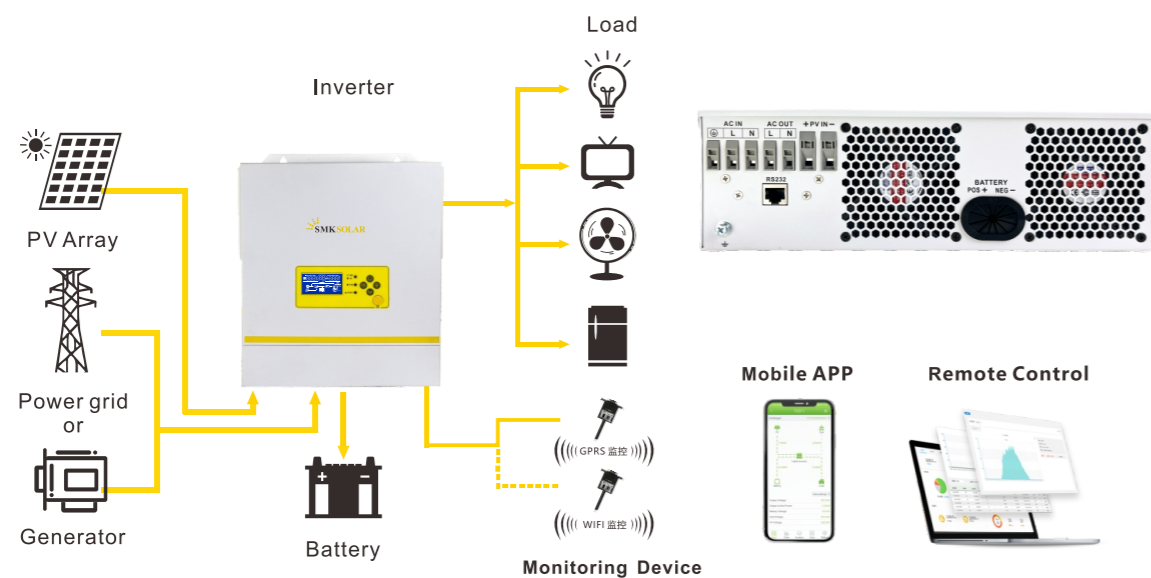
Features



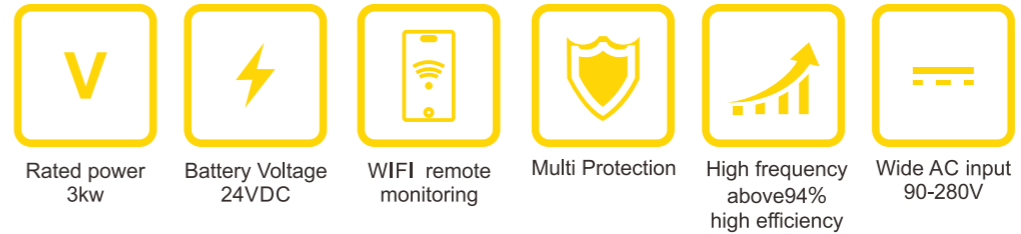
- Pure sine wave solar inverter
- Output power factor 1
- Max PV input voltage 100Vdc
- Built-in MPPT solar controller
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dusk kit for harsh environment
- WiFi/GPRS remote monitoring (Optional)

This is a multi-functional inverter/charger, combining functions of inverter, solar charger and battery charger to offer uninterruptible power support in portable size. Its comprehensive LCD display 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.

Application Diagram



Feature:



Technical Data

MODEL	Glory S3000 HLS-24	
CAPACITY	3KVA/3KW	
Parallel Capability	NO	
INPUT		
Nominal Voltage	230VAC	
Acceptable Voltage Range	170-280VAC(For personal Computer);90-280VAC(For Home Appliances)	
Frequency	50/60 Hz (Auto sensing)	
OUTPUT		
Nominal Voltage	220/230VAC ± 5%	
Surge Power	6000VA	
Frequency	50/60 Hz	
Waveform	Pure Sine wave	
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)	
Peak Efficiency (PV to INV)	93%	
Peak Efficiency (Battery to INV)	93%	
No-load loss	Standard mode	< 30w
Battery to INV	Saving mode	< 15w
Overload Protection	5s@ > = 150% load; 10s@ 110%~ 150% load	
Crest Factor	3:1	
Admissible Power Factor	0.6~ 1 (inductive or capacitive)	
BATTERY		
Battery Voltage	24VDC	
Floating Charge Voltage	27VDC	
OverCharge Protection	33VDC	
Charging Method	CC/CV	
Solar Charger & AC Charger		
Solar Charger TYPE	MPPT	
Max. PV Array Power	1000W	
"Max. PV Array Open Circuit Voltage"	100VDC	
"PV Array MPPT Voltage Range"	30~80VDC	
Max. Solar Charge Current	40A	
Max. AC Charge Current	100A	
Max. Charge Current	140A	
PHYSICAL		
Dimensions, D x W x H(mm)	358x297x96	
Package Dimensions, D x W x H(mm)	465x380x175	
Net Weight (Kgs)	7	
Communication Interface ENVIRONMENT	RS232	
ENVIRONMENT		
"Operating Temperature Range"	-10°C to 50°C	
Storage temperature	-15°C~ 60°C	
Humidity	5% to 95% Relative Humidity (Non-condensing)	

*Product specifications are subject to change without further notice