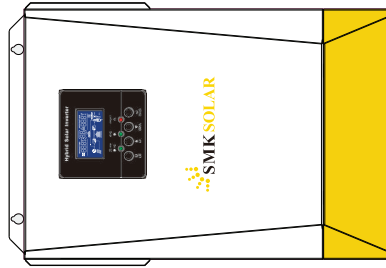


Hybrid Solar Inverter Glory HH Series 3.5~5.5KW 220V/230Vac Output

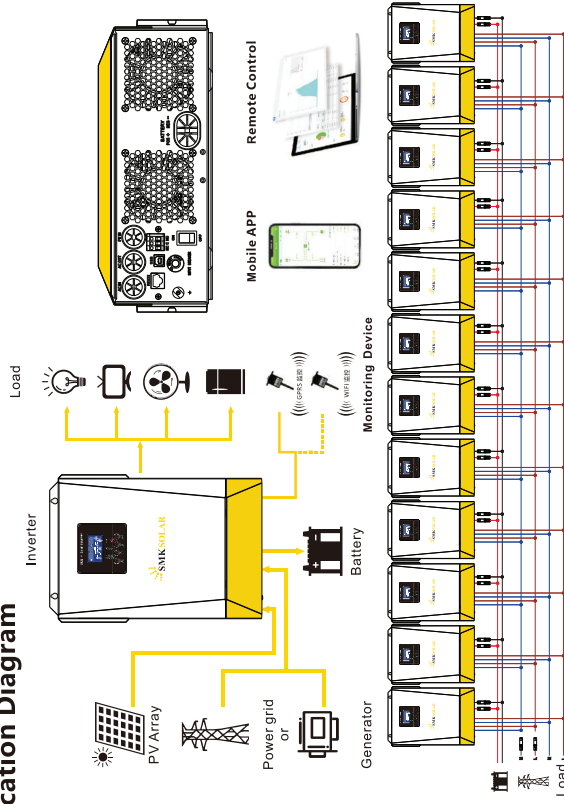
Features

- Pure sine wave solar inverter
- Output power factor 1
- High PV input voltage range
- Built-in MPPT solar controller
- Battery equalization function to optimize battery performance and extend lifecycle
- Inverter running without battery
- Built-in anti-dusk kit for harsh environment
- Parallel operation with up to 12 units, support parallel in 1phase/3phase, support wireless parallel
- Support multiple output priority: UTL, SOL, SBU, SUB
- WiFi/GPRS remote monitoring(Optional)
- RS485 communication for BMS(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



System Diagram



Technical Data

MODEL	Glory M 3500 HHS-24	Glory M 5500 HHS-48	Glory M 5500 HHP-48
CAPACITY	3.5KVA/3.5KW	5.5KVA/5.5KW	5.5KVA/5.5KW
Parallel Capability	NO	NO	YES,12 units
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	7000VA	11000VA	11000VA
Frequency	50/60Hz		
Waveform	Pure Sine wave		
Transfer Time	10ms(For personal Computer);20ms(For Home Appliances)		
Peak Efficiency(PV to INV)	96%		
Peak Efficiency(Battery to INV)	93%		
Overload Protection	5s@>=150% load;10s@110%~150% load		
Crest Factor	2:1		
Admissible Power FACTOR	0.6~1 (inductive or capacitive)		
BATTERY			
Battery Voltage	24VDC	48VDC	48VDC
Floating Charge Voltage	27VDC	54VDC	54VDC
Over-Charge Protection	33VDC	63VDC	63VDC
Charging Method	CC/CV		
Solar Charger & AC Charger			
Solar Charger TYPE	MPPT		
Max.PV Array Power	4000W	5500W	5500W
Max.PV Array Open Circuit Voltage	500VDC		
PV Array MPPT Voltage Range	120VDC~450VDC		
Max.Solar Input Current	15A	18A	18A
Max.Solar Charge Current	100A	100A	100A
Max.AC Charge Current	60A	60A	60A
Max.Charge Current	100A	100A	100A
PHYSICAL			
Dimensions,D x W x H(mm)	448x295x120		
Package Dimensions,D x W x H(mm)	560x375x190		
Net Weight(Kg)	9	10	10
Communication Interface	USB/RS232/Dry-contact		
ENVIRONMENT			
Operating Temperature Range	(-10°C to 50°C)		
Storage Temperature	(-15°C ~ 50°C)		
Humidity	5% to 95%Relative Humidity(Non-condensing)		

Product specifications are subject to change without further notice.