

SPH3KW/5KW Solar Inverter Charger



Pure Sine Wave



Wifi Monitoring



LCD Display



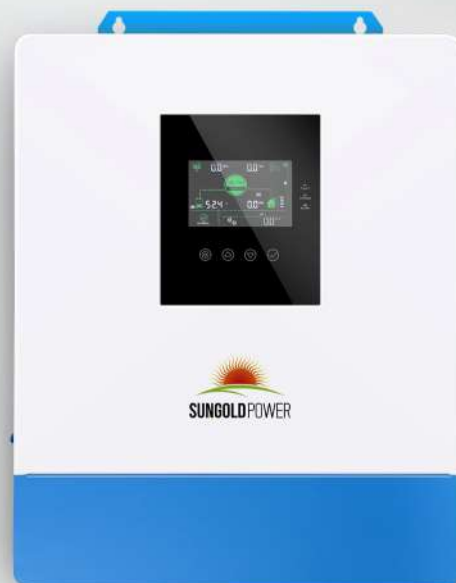
AC/Battery
Priority



Support Different
Batteries



UPS System



Introduction



- 3KW/5KW pure sine wave solar inverter with 80A/100AMPPT solar charging.
- Work with 24V/48V Lead-acid/Lithium/User batteries.
- Uninterruptible Power Supply,the Inverter Charger takes over the battery supply to the alternative option with in 10ms.
- Battery type: AGM/Sealed, Gel, Flooded, Lithium batteries and a User Mode for custom inputs to work with virtually all battery types.
- Four charging modes: AC Priority, Solar Priority, Only Solar, and Mains & Solar hybrid charging.
- 5KW Parallel up to 6 units(30kW) with built-in parallel kits,120V/240V Split Phase capable (more than 2 unit in parallel),208V 3-Phase Support (more than 3 unit in parallel),

Technical Specifications

Product Model	SPH302480A	SPH5048P
Parallel Mode		
Rated Output Power	/	up to 6 (single phase, split phase, three phase)
Inverter Mode		
Rated Output Power	3000W	5000W
Transfer Inverter Mode		
Output	Pure Sine Wave	
Peak Power	6000VA	10000VA
AC Output	120VAC ,50HZ/60HZ	120Vac(100/105/110Vac Settable),50HZ/60HZ
Input Voltage / Rated Battery	24VDC (minimum start-up voltage:22V)	48VDC (minimum start-up voltage:44V)
Bypass Breaker Current	40A	63A
Idle Power	45~50W	45~50W
Power Saver Mode Idle Consumption	25W	25W
MPPT Solar Charging Mode		
Maximum Input Power	4000W	5500W
PV Charging Current	0-80A	0-100A
Max.PV Open Circuit Voltage	450V	500V
PV operation voltage range	120-450VDC	120-500VDC
Mppt Voltage Range	120-400VDC	120-450VDC
AC Charging Mode		
Rated AC input	110V/120V, 50HZ/60HZ	
Input Voltage Range	90VAC-140VAC	
Conversion Time	10ms	
Battery Type	Lead Acid and Lithium Battery	
Maximum Charging Current	40A	
Charging Voltage Range	20-33VDC	40-58VDC
Short-Circuit Protection	Breakers and fuses	
Overcharge Protection	Yes. Automatically alerts and turns off charging after 1 min	
Mechanical Specification		
Size	14.96 x 11.03 x 4.06 inch	17.3 x 13.8x 5.1inch
Net Weight	16.8lb	28lb
Noise	≤60dB	
Operating Temperature Range	14-131°F/ -10~55°C	
Cooling Fan	Yes	