

# SUNPOLO 5K HYBRID INVERTER IP20



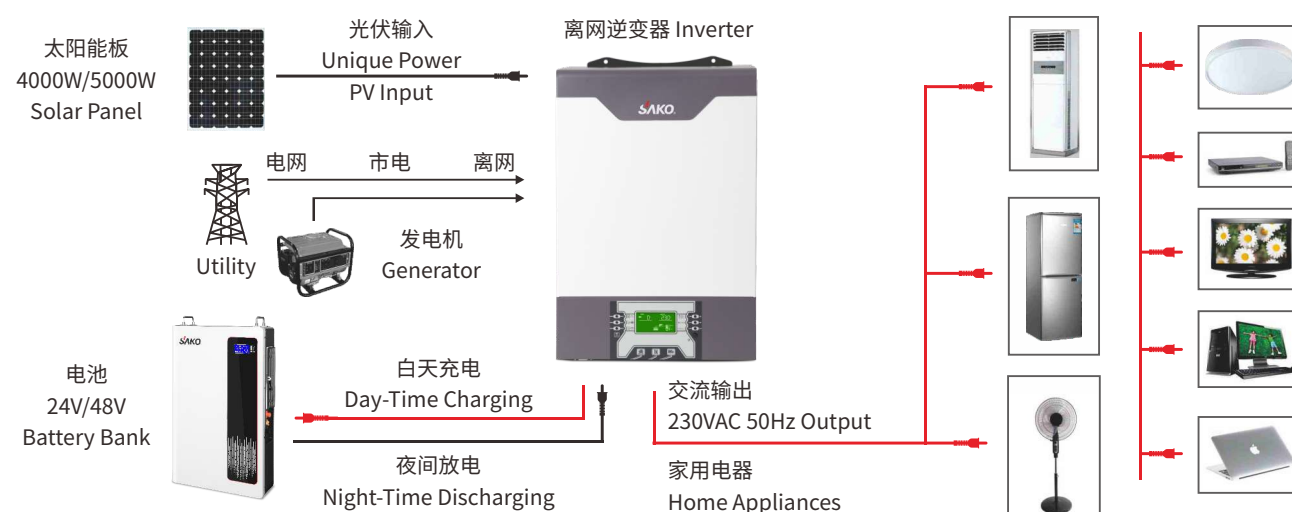
### TECHNICAL PARAMETER

MODEL	SUNPOLO 3K	SUNPOLO 5K
Rated Power	3KW	5KW
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	32 VDC	64 VDC
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	176-280 VAC at 100% load ; 110-280 VAC at 50% load	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Ball. Mode)	230 VAC $\pm$ 3%	
Surge Power	6400VA for 5 sec.	10400VA for 5 sec.
Efficiency (Peak)	> 95% (Rated R load, Battery Full Charged)	
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	4000W	5000W
MPPT Range @ Operating Voltage	120 ~ 430 VDC	
Maximum PV Array Open Circuit Voltage	450 VDC	
Maximum Solar Charge Current	80 A	
Maximum AC Charge Current	80 A	
PHYSICAL		
Dimension, D*W*H (mm)	492*303*129	456*303*147
Net Weight (kgs)	9.5	11.97
Communication Interface	Removable OTG USB/RS232/RS458/BLE/Dry-contact, BMS interface,9pcs in parallel ( only 5KVA )	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	

### MAIN FEATURES

- Max.Can Be 9PCS in Parallel With Optional Kit
- 80A MPPT Solar Charge Controller up to 5000W Solar panel
- Built-in WIFI for Mobile Monitoring(Requires APP)
- 5KW is Real Hybrid Can Work as Off Grid and On Grid Solar Inverters
- Efficiently Work With or Without Battery
- With Touch Button on the LCD Display
- Compatible With Lithium Battery
- 5KW Can Be off Grid and on Grid

### Solar System Connection



IT CAN WORK WITH OR WITHOUT BATTERY