

SUNON IV 4.2KW/6.2KW Off grid Solar Inverter

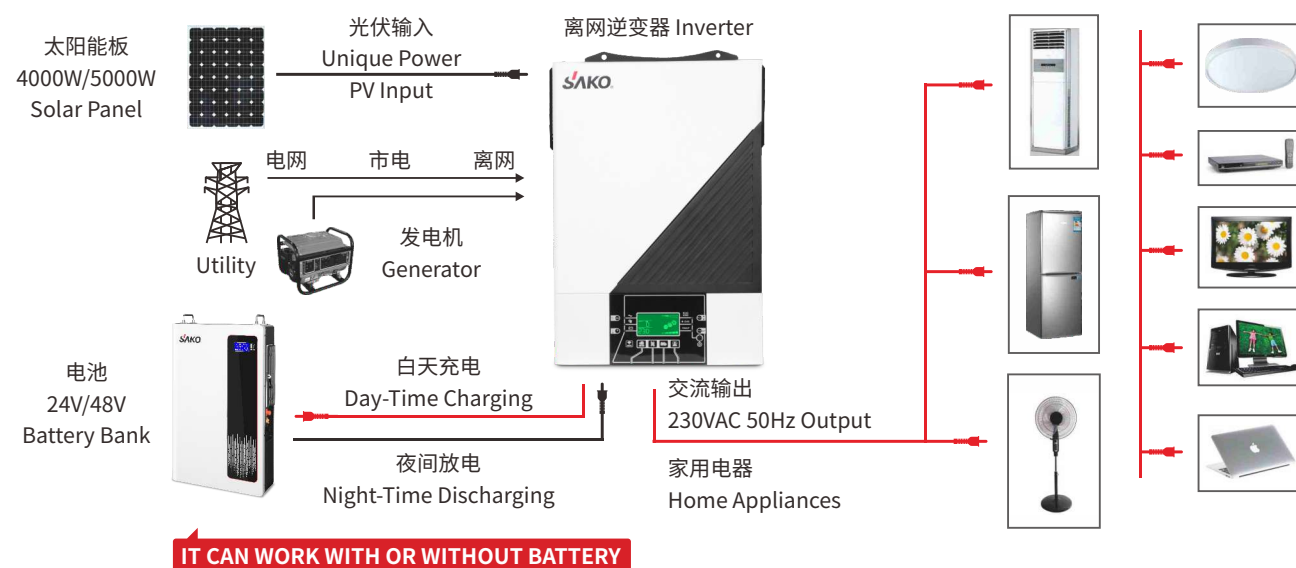
Removable LCD



MAIN FEATURES

- 120A Solar Charger+AC Charging current
- Communication: RS232,USB,RS485,WIFI
- Reserved communication port for BMS
- Touch Button and LCD
- Wifi Monitor
- Work with or without battery
- USB On-the-go Function
- 6KW PV input (27A)

Solar System Connection



TECHNICAL PARAMETER

MODEL	SUNON IV 4.2KW	SUNON IV 6.2KW
The Rated Power	4.2KW	6.2KW
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	31.5 VDC	61 VDC
Max DC Input	33 VDC	63 VDC
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	90-280VAC (For Home Appliances), 170-280VAC (For Personal Computers)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Ball. Mode)	230 VAC $\pm$ 5%	
Surge Power	8400VA	12400VA
Power Factor	1	
Efficiency (Peak)	> 93%	
Transfer Time	15 ms (For Personal Computers) ; 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
MPPT SOLAR CHARGER & AC CHARGER		
Maximum PV Array Power	5000W	6000W
MPPT Range	60-450 VDC	
Maximum PV Input	500 VDC	
Max PV Input Current	27 A	
Maximum Solar Charge Current	120 A	
Maximum AC Charge Current	100 A	
Maximum Charge Current	120 A	
Maximum Efficiency	98%	
PHYSICAL		
Dimension, D*W*H (mm)	356*471*149	
Packing Size, D*W*H(mm)	535*425*224	
Net Weight (kgs)	N.W.: 13 G.W.: 14	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	0°C-50°C	
Communication Interface	USB/RS232/RS485(BMS)/Local WiFi/Dry-contact	