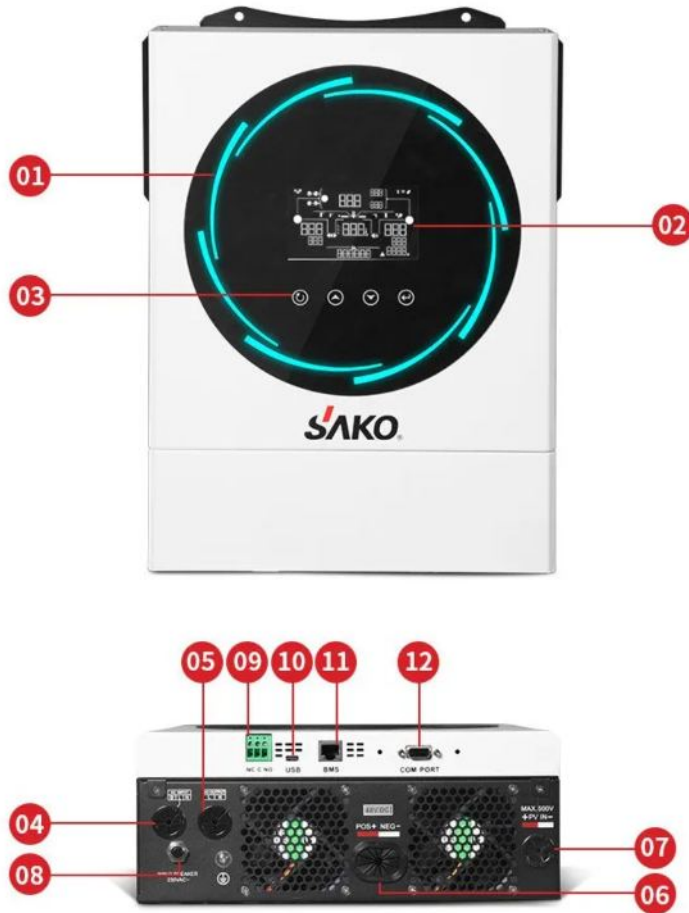


Product Overview



1. LCD display
2. RGB LED bar (refer to LCD Setting section for the details)
3. Touchable function keys
4. AC input connectors
5. AC output connectors (Load connection)
6. Battery connectors
7. PV connectors
8. Circuit breaker
9. Dry contact
10. USB port as USB communication port and USB function port
11. RS-232 communication port
12. BMS communication port: CAN, RS-485 or RS-232

MODEL	SUNON IV 4.2K/24V	SUNON IV 6.2K/48V
Rated Power	4200VA/4000W	6200VA/6000W
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	31.5 VDC	61 VDC
Overcharge Protection	33 VDC	63 VDC
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%	
Surge Power	8400VA	12400VA
Efficiency (Peak)	90% ~ 93%	
Transfer Time	15 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	5000W	6000W
MPPT Range @ Operating Voltage	60 ~ 450 VDC	
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Solar Charge Current	120 A	120 A
Maximum AC Charge Current	100 A	100 A
Maximum Charge Current	120 A	120 A
PHYSICAL		
Dimension, D x W x H (mm)	481 x 300 x 130	
Net Weight (kgs)	13.0	13.0
Communication Interface	USB/RS232/RS485(BMS)/Local WiFi/Dry-contact	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	