

SUNON V 4.5KVA 6.5KVA Hybrid MPPT Solar Inverter



MAIN FEATURES

- Built-in Local Wifi for mobile monitoring (App is available)
- With OTG function, supports data events stored
- Optional for RGB or movable LCD case design
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- Battery independent design
- Battery equalization extends lifecycle
- Dual(Twin) AC Output
- Enhanced charging power
- Built-in anti-dust kit
- Hybrid can work as off grid or on grid inverter

Solar System Connection



On&Off Grid MPPT Solar Inverter

TECHNICAL PARAMETER

MODEL	SUNON V 4.5KVA/24V	SUNON V 6.5KVA/48V
Rated Power	4500VA/4200W	6500VA/6200W
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 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	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	5000W	6000W
Max. Input Current	27A	27A
MPPT Range @ Operating Voltage	60-450V	60-450V
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		
Packing Dimension, D X W X H (mm)	583mm*380mm*214mm	583mm*380mm*214mm
Net Weight (kgs)	9.6	10.4
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	