

SP8000 IP Plus

## SP IP Plus Series

### Outdoor Hybrid Solar Inverter



Water & Dustproof



BMS Function



Parallel Operation

#### Features

- High PV input voltage range
- Feasible for without-battery operation
- Selectable high power charging current
- Compatible with mains or generator power
- Overload and short circuit protection
- Smart battery charger design for battery performance optimization
- Cold start function
- IP 65 design
- Support parallel operation

#### Specifications

MODEL	SP8000 IP Plus
Rated Power	8000VA/8000W
<b>INPUT</b>	
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)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%
Surge Power	16000VA
Peak Efficiency (Battery - DC to AC)	93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Power	8000W
Maximum PV Array Open Circuit Voltage	500Vdc
PV Array MPPT Voltage Range	90~450Vdc
Maximum Solar Input Current	18A×2
Maximum Solar Charging Current	150A
Maximum AC Charging Current	120A
Maximum Charging Current	150A
Maximum PV Input Current	27A
Maximum PV Input Short Circuit Current	30A
<b>PHYSICAL</b>	
Dimension (D × W × H)	200×360×665 mm
Net Weight	32kgs
Communication Port	RS232/USB/Dry-contact/BMS
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C ~ 50°C
Storage Temperature	-15°C ~ 60°C

Specifications are subject to change without notice.

