

SP5000 IP

## SP IP Series

IP41 unique design, suitable for harsh environmental conditions.



Water & Dustproof

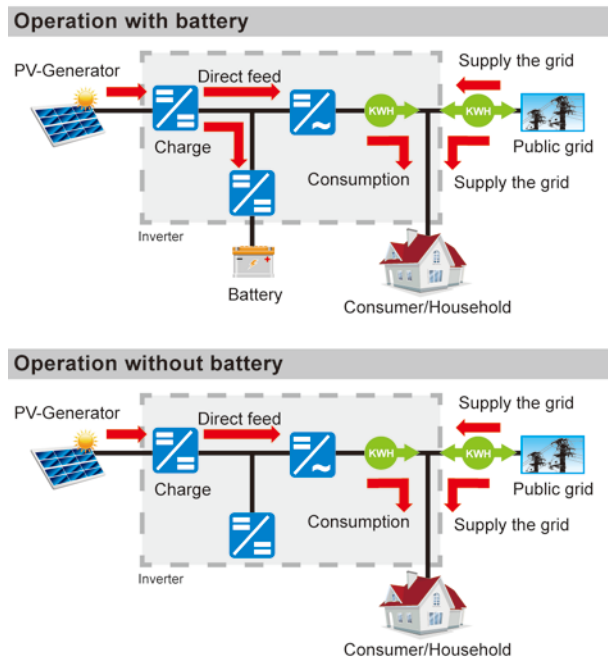


Wi-Fi

### Features

- High PV input range
- Feasible for without-battery operation
- Built-in anti-dust kit
- Selectable high power charging current
- Compatible to mains voltage or generator power
- Replaceable fan design for ease of maintenance
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- IP41 design

### Operation Diagram:



### Specifications

MODEL	SP5000 IP
Rated Power	5000VA/5000W
<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	10000VA
Peak Efficiency	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	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Power	6000W
Maximum PV Array Open Circuit Voltage	450Vdc
PV Array MPPT Voltage Range	120~450Vdc
Maximum Solar Charging Current	80A
Maximum AC Charging Current	80A
Maximum Charging Current	80A
Maximum PV Input Current	27A
Maximum PV Input Short Circuit Current	30A
<b>PHYSICAL</b>	
Dimension (D×W×H)	125×378×516mm
Net Weight	16kgs
Communication Port	RS232/USB/Dry-contact/Wi-Fi
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C ~ 55°C
Storage Temperature	-15°C ~ 60°C

Specifications are subject to change without notices.

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