

SP5000 IP

## SP IP Series

IP41 unique design, suitable for harsh environmental conditions.



Anti-dust Filter Design



High Power Charging Current



Wi-Fi Function



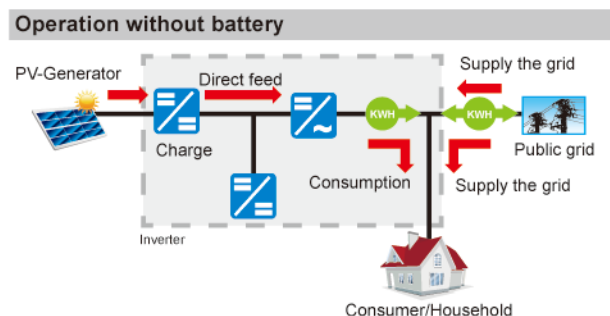
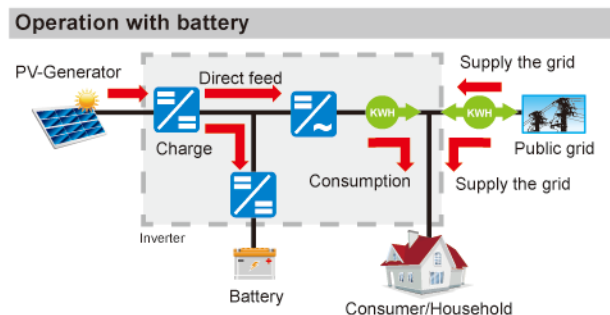
Compatible to power



### 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

<b>MODEL</b>	SP5000 IP
<b>Rated Power</b>	5000VA/5000W
<b>INPUT</b>	
<b>Voltage</b>	230 VAC
<b>Selectable Voltage Range</b>	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
<b>Frequency Range</b>	50 Hz/ 60 Hz (Auto sensing)
<b>OUTPUT</b>	
<b>AC Voltage Regulation (Batt. Mode)</b>	230VAC ± 5%
<b>Surge Power</b>	10000VA
<b>Peak Efficiency</b>	93%
<b>Transfer Time</b>	10 ms (For Personal Computers) 20 ms (For Home Appliances)
<b>Waveform</b>	Pure sine wave
<b>BATTERY</b>	
<b>Battery Voltage</b>	48 VDC
<b>Floating Charge Voltage</b>	54 VDC
<b>Overcharge Protection</b>	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
<b>Maximum PV Array Power</b>	6000W
<b>Maximum PV Array Open Circuit Voltage</b>	450Vdc
<b>PV Array MPPT Voltage Range</b>	120~450Vdc
<b>Maximum Solar Charging Current</b>	80A
<b>Maximum AC Charging Current</b>	80A
<b>Maximum Charging Current</b>	80A
<b>PHYSICAL</b>	
<b>Dimension (D×W×H)</b>	125×378×516mm
<b>Net Weight</b>	16kg
<b>Communication Port</b>	RS232/USB/Dry-contact/Wi-Fi
<b>OPERATING ENVIRONMENT</b>	
<b>Humidity</b>	5% to 95% Relative Humidity (Non-condensing)
<b>Operating Temperature</b>	-10°C ~ 55°C
<b>Storage Temperature</b>	-15°C ~ 60°C

Specifications are subject to change without notices.

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