

SP5000 IP Plus

SP IP Plus Series

IP65 water & dust proof design.

Hybrid inverter with Grid-tie function for outdoor application.



Bluetooth Function



IP65 Water & Dust Proof



Parallel up to 9pcs



Grid Tie



Features

- High PV input voltage range
- Feasible for without-battery operation
- Grid feed-in Function
- Selectable high power charging current
- Compatible to mains voltage or generator power
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- IP 65 design
- Parallel operation up to 9pcs

Specifications

MODEL		SP5000 IP Plus
Rated Power		5000VA/5000W
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)		230VAC \pm 5%
Surge Power		10000VA
Peak Efficiency	Battery - DC to AC	93%
	Grid Tie - DC to AC	96%
Transfer Time		10 ms (For Personal Computers)
		20 ms (For Home Appliances)
Waveform		Pure sine wave
BATTERY		
Battery Voltage		48 VDC
Floating Charge Voltage		54 VDC
Overcharge Protection		63 VDC
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Power		6000W
Maximum PV Array Open Circuit Voltage		500VDC
PV Array MPPT Voltage Range		120~450VDC
Maximum Solar Input Current		27A
Maximum Solar Charging Current		80A
Maximum AC Charging Current		80A
Maximum Charging Current		80A
PHYSICAL		
Dimension (D×W×H)		200×350×593 mm
Net Weight		20kgs
Communication Port		RS232/USB/Dry-contact/Bluetooth
OPERATING ENVIRONMENT		
Humidity		5% to 95% Relative Humidity (Non-condensing)
Operating Temperature		-25°C ~ 50°C
Storage Temperature		-25°C ~ 60°C

Specifications are subject to change without notices.

