

Inverter Model	POW-SunSmart SP5K
Parallel	
Permitted Parallel Number	1~6
AC Input	
Input Voltage Waveform	Sinusoidal (Utility or generator)
Nominal Input Voltage	110/120Vac
Input Voltage Range	(90~140Vac)±2%
Nominal Input Frequency	50/60Hz (Auto detection)
AC Output (Back-Up)	
Rated Output Power	5000VA/5000W
Output Voltage Regulation	120Vac Single phase or 208/240Vac Split phase
Output Frequency	50/60Hz
Max. Efficiency	>92%
Battery Specification	
Battery Type	Lithium and Lead Acid Battery, support user define
System Voltage	48V
AC Charge & PV Charge Mode	
Max. AC Charging Current	40Amp
Max. PV Array Power	5500W
PV Array MPPT Voltage Range	120~450Vdc
Max. PV Array Open Circuit Voltage	500Vdc
Max. Charging Current (AC+PV)	100Amp
Max. PV Input Current	22Amp
AC Output (On-Grid)	
Nominal Output Power	5000W
Feed-in Grid Voltage Range	120Vac
Feed-in Grid Frequency	50Hz/60Hz
General Specification	
Operation Temperature	-10°C ~55°C
Communication Interface	RS485 (WIFI) / USB / Dry contact
Dimension	446.9x350x133mm
Net Weight	14kg