

Inverter Model	POW-SunSmart 6.5KP-PRO
Parallel	
Permitted Parallel Number	1~6
AC Input	
Input Voltage Waveform	Sinusoidal (Utility or generator)
Nominal Input Voltage	120Vac
Input Voltage Range	65~140Vac
Nominal Input Frequency	50Hz/60Hz
Transfer Time	10ms (typical)
Bypass Overload Current	45A
AC Output (Off-grid)	
Rated Output Power	6500W
Max. Peak Power	13000VA
Output Voltage Waveform	Pure sine wave
Rated Output Voltage	120/240VAC (single-phase/split-phase)
Output Frequency	50Hz/60Hz
Battery Parameters	
Battery Type	Lithium and Lead Acid Battery, support user define
System Voltage	48V
AC Charging & Solar Charging Mode	
Charging Algorithm	3 stages
Maximum PV Array Power	5000W/5000W
Maximum PV Array Current	18A/18A
MPPT Voltage Range of PV Array	150~450Vdc/150~450Vdc
Max. PV Array Open Circuit Voltage	550Vdc/550Vdc
Max. AC Charging Current	80Amp
Max. Charging Current (AC+PV)	140Amp
General Parameters	
Operating Temperature Range	-10° C~55° C, >45° C derated
Dimensions (L×W×H)	419*133*553mm
Net Weight	18.7kg