

Inverter Model	POW-SunSmart LVM6.5K
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
Max. Bypass Overload Current	60A
AC Output (Off-grid)	
Rated Output Power	@240V 6500W
Output Voltage Waveform	Pure sine wave
Max. Peak Power	2*rated power for 10 seconds
Rated Output Voltage	120/240Vac (Split-phase); 120/208V (Three-phase)
Output Frequency	50Hz/60Hz
Battery Parameters	
Battery Type	Lithium and Lead Acid Battery, support user define
System Voltage	48V
Charging Voltage Range	40~60V
AC Charge & PV Charge Mode	
Charging Algorithm	3 stages
Max. PV Array Power	6600W/6600W
Max. Input Current	32A/32A
PV Array MPPT Voltage Range	120~500Vdc/120~500Vdc
Max. PV Array Open Circuit Voltage	600Vdc/600Vdc
Max. AC Charging Current	140Amp
Max. Charging Current (AC+PV)	140Amp
General Parameters	
IP Class	IP65
Operation Temperature Range	-40~60°C , >45°C derated
Communication interface	RS485/CAN/USB/Dry Contact
Dimensions (L×W×H)	400*250*760mm
Net Weight	42kg