



PORTABLE POWER STATION SPLIT PHASE 5kW



Power Low-voltage and
High-voltage Loads



100%, 1.5hour
Super Fast Recharge



2.56~10.24kWh Expandable
Battery Capacity



Max. 5000W High Power
AC Output



10ms Switching Time
Seamless EPS



APP Smart Control



Model	SP5000
Battery Input	
Battery Capacity (Wh)	5120
Battery Input Nominal Voltage (V)	51.2
Battery Input Voltage Range (V)	40~60
Max. Charging Current (A)	80
Max. Discharging Current (A)	100
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+
AC Input (Split Phase, L1- L2-N)	
AC Charging Power (W)	3450
Nominal Voltage (Vac)	240
Voltage Range (Vac)	180~260
Nominal Frequency (Hz)	60
Max. AC Input Current (A)	16
Power Factor (@Max. Charging Power)	> 0.99
AC Input (Single Phase, L1-N)	
AC Charging Power (W)	1800
Nominal Voltage (Vac)	120
Voltage Range (Vac)	90~130
Nominal Frequency (Hz)	60
Max. AC Input Current (A)	16
Power Factor (@Max.Charging Power)	> 0.99
AC Output (Split Phase, L1 - L2-N)	
Nominal AC Power (W)	5000
Surge Power (W)	9000
Nominal Grid Voltage (Vac)	240
Nominal Grid Frequency (Hz)	60
Max. AC Current (A)	21
THDv at Nominal Power (%)	<1.5
AC Output (Single Phase, L1-N/L2-N)	
Nominal AC Power (W)	2500
Surge Power (W)	4500
Nominal Grid Voltage (Vac)	120
Nominal Grid Frequency (Hz)	60
Max. AC Current (A)	21
THDv at Nominal Power (%)	<1.5
DC Input (XT60)	
Max. Input Power (W)	1000
Input Voltage Range (V)	12~80
Max. Input Current (A)	16
DC Output	
USB-A (QC) (x2)	5V/3A, 9V/2A, 12V/1.5A
USB-TypeC (x2)	5V/3A, 9V/3A, 12V/3A, 20V/5A
Car Port (x1)	12V/10A
XT60 (x1)	12V/30A, 24V/25A, 36V/20A
Efficiency	
Battery to AC Max. (%)	94
AC to Battery Max. (%)	94
Protection	AC output over current; AC output short circuit; AC charging over current; AC output over/under voltage; AC output over/under frequency; Inverter over temperature; AC charging over/under voltage; Battery temperature high/low; Battery over/under voltage
General Data	
Dimensions (W/H/D) (mm)	450*538*352mm; (Inverter: 450*143*352 mm; Battery:450*152*352 mm)
Weight (Kg)	65.2 (Inverter:10.7; Battery: 26.7)
LCD (mm)	80*64
Cooling Concept	Forced Air Cooling
Operation Temperature Range	0~40°C (charging) , -20~+40°C (discharging)
Operation Relative Humidity [RH(%)]	10~90%
Ingress Protection	IP20
Noise (dB)	< 65
Communication Interface	Wi-Fi / Bluetooth (Optional)

Model	B2560
Battery Input	
Cell Type	LiFePO ₄
Battery Capacity (Wh)	2560
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+
General Data	
Dimensions (W*H*D) (mm)	450*152*352
Weight (Kg)	26.7
Operation Temperature Range	0~40°C (charging) , -20~+40°C (discharging)
Operation Relative Humidity [RH(%)]	0~95%, Non condensation