



PORABLE 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



StackPower series

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)	220/230/240
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)	100/110/120
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 Volatge (Vac)	220/230/240
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)	100/110/120
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:11.7; Battery: 28.4)
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