


PORTABLE POWER STATION 5kW


2.56~10.24kWh Expandable
Battery Capacity


3450W AC
Super Charge


5000W High Power
AC Output


Pure Sine Wave Output
THDv<1.5%


10ms Switching Time
Seamless EPS


APP Smart Control



StackPower series

Model	SE5000
Battery Input	
Battery Capacity (Wh)	5120
Battery Input Nominal Voltage (V)	51.2
Battery Input Voltage Range (V)	40~60
Nominal. Charging Current (A)	80
Nominal. Discharging Current (A)	100
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+
AC Input	
AC Charging Power (W)	3450
Nominal Voltage (Vac)	220/230/240
Voltage Range (V)	180~260
Nominal Frequency (Hz)	50
Max. AC Input Current (A)	16
Power Factor (@Max. Charging Power)	> 0.99
AC Output	
Nominal AC Power (W)	5000
Surge Power (W)	9000
Nominal Grid Voltage (Vac)	220/230/240
Nominal Grid Frequency (Hz)	50
Nominal 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 (W)	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. (%)	93
AC to Battery Max. (%)	92
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	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