



PORTABLE POWER STATION

3.2kW Stackable



Up to 8.2kWh Expandable Home Battery Backup



Max. 3200W High Power AC Output



Super Fast Recharge from 0% to 100% in 1.5 Hours



Versatile Output Ports



10ms Switching Time Seamless EPS



LiFePO₄ Battery Cells 4000+ Lifecycle

Singo series

Model	Singo3000	
	100/110/120 Vac	220/230/240 Vac
Battery Input		
Cell Type	LiFePO ₄	
Battery Capacity (Wh)	2048	
Battery Input Nominal Voltage (V)	51.2	
Battery Input Voltage Range (V)	40~60	
Nominal Charging Current (A)	50	
Nominal Discharging Current (A)	70	
Max. Discharging Current (A)	90	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+	
AC Input		
AC Charging Power (W)	Single: 1800 Parallel: 1800	Single: 1800 Parallel: 2500
Nominal Voltage (Vac)	100/110/120	220/230/240
Voltage Range (V)	90~140	180~260
Nominal Frequency (Hz)	60	50
Frequency Range (Hz)	55~65	45~55
Power Factor (@Max. Charging Power)	>0.99	
DC Input		
Max. Car Charging Input Power (W)	120	
Max. Solar Charging Input Power (W)	1000	
DC Input Voltage Range (V)	12~80	
Max. DC/PV Input Current (A)	16	
AC Output		
Nominal AC Power (W)	3200	
Surge Power (W)	6400	
Nominal Grid Voltage (Vac)	100/110/120	220/230/240
Nominal Grid Frequency (Hz)	60	50
Nominal AC Current (A)	32/29/26.6	14.5/13.9/13.3
THDv at Nominal Power	<1.5%	
DC Output		
USB-A (x1)	12W, 5V=2.4A	
QC3.0 (x2)	18W each, 5V=3A, 9V=2A, 12V=1.5A	
USB-TypeC (x2)	100W each, 5V, 9V, 12V, 15V=3A, 20V=5A	
Car Port and DC Port Total Max. Output Power	132W	
Car Port (x1)	132W, 13.2V=10A	
DC Port (x2)	132W, 13.2V=10A	
Efficiency		
Battery to AC Max. (%)	93	94
AC to battery Max. (%)	93	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)	355*328*299	
Weight (Kg)	23.7	
LCD (mm)	97*48	
Cooling	Forced Air Cooling	
Operation Temperature Range (°C)	0~40°C (charging) , -20~+40°C (discharging)	
Operation Relative Humidity [RH(%)]	0~95%, Non condensation	
Ingress Protection	IP20	
Noise (dB)	<65dB	
Communication Interface	Wi-Fi / Bluetooth	
LED Light	3W	