



INITIAL
ENTROPY
ENERGY

by
cwe



PORTABLE POWER STATION

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



Singo3000



10ms Switching Time Seamless EPS



LiFePO₄ Battery Cells 4000+ Lifecycle



P2000

Model	Singo3000	
	120Vac	230Vac
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)	120	230
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)	120	230
Nominal Grid Frequency (Hz)	60	50
Nominal AC Current (A)	26.5	14
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	
Wireless Charger (W)	10W (Optional)	
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 (Optional)	
LED Light	3W	

Model	P2000	
Battery Input		
Cell Type	LiFePO ₄	
Battery Capacity (Wh)	2048	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+	
General Data		
Dimensions (W*H*D) (mm)	355*187*299	
Weight (Kg)	18.05	
Operation Temperature Range	0~40°C (charging), -20~+40°C (discharging)	
Operation Relative Humidity [RH(%)]	0~95%, Non condensation	