



PORABLE POWER STATION **2.4kW**


IEE INITIAL
ENTROPY
ENERGY

 1920Wh
High Capacity

 100%, 1.5 hours
Super Fast Recharge

 10ms Switching Time
Seamless EPS

 BMS
Protection & Safety

 2400W, Surge 4800W
AC Output

 Versatile
Output Ports

Singo series

Model	Singo2000 Plus	
	100/110/120 Vac	220/230/240 Vac
Battery Input		
Cell Type	LiFePO4	
Battery Capacity (Wh)	1920	
Battery Input Nominal Voltage (V)	48	
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)	1800	1800
Nominal Voltage (Vac)	100/110/120	220/230/240
Voltage Range (V)	85~135	180~264
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)	500	
DC Input Voltage Range (V)	12~60	
Max DC/PV Input Current (A)	10	
AC Output		
Nominal AC Power (W)	2400	
Surge Power (W)	4800	
Nominal Grid Voltage (Vac)	100/110/120	220/230/240
Nominal Grid Frequency (Hz)	60	50
Nominal AC Current (A)	24/21.8/20	11/10.4/10
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 Totally Max. Output	132W	
Car Port (x1)	132W, 13.2V=10A	
DC Port (x2)	132W each, 13.2V=10A	
Efficiency		
Battery to AC Max (%)	93.0	94.0
AC to Battery Max (%)	93.0	
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*355*226	
Weight (Kg)	21	
LCD (mm)	97*48	
Cooling	Forced Air Cooling	
Operation Temperature Range	0~40°C (Charging), -20~+40°C (Discharging)	
Operation Relative Humidity [RH(%)]	0~95%, Non Condensation	
Ingress Protection	IP20	
Noise (dB)	< 65	
Communication Interface	WiFi/Bluetooth	
LED Light (W)	3W	