



## PORABLE POWER STATION 1kW

100%, 1.5hour Super Fast Recharge	LiFePO4 Battery Safety Guarantee	Wireless Charger	
10ms Switching Time Seamless EPS	1000W, Surge 2000W AC Output	APP Smart Control	

### Singo series

Model	Singo600		Singo1000	
	120Vac	230Vac	120Vac	230Vac
<b>Battery Input</b>				
Cell Type			LiFePO4	
Battery Capacity (Wh)	672	1008		
Battery Input Nominal Voltage (V)	22.4			
Battery Input Voltage Range (V)	18.2~26			
Nominal Charging Current (A)	25		36	
Nominal Discharging Current (A)	50		50	
Max. Discharging Current (A)	80		80	
Life Cycles (@25°C, 0.5C Discharge, DOD80%)	4000+			
<b>AC Input</b>				
AC Charging Power (W)	480		800	
Nominal Voltage (Vac)	120	230	120	230
Voltage Range (V)	90~140	180~270	90~140	180~270
Nominal Frequency (Hz)	60	50	60	50
Frequency Range (Hz)	55~65	45~55	55~65	45~55
Power Factor (@Max. Charging Power)	> 0.99			
<b>DC Input</b>				
Max. Car Charging Input Power (W)	120			
Max. Solar Charging Input Power (W)	200			
DC Input Voltage Range (V)	10~30			
Max DC/PV Input Current (A)	10			
<b>AC Output</b>				
Nominal AC Power (W)	600		1000	
Surge Power (W)	1200		2000	
Nominal Grid Voltage (Vac)	120	230	120	230
Nominal Grid Frequency (Hz)	60	50	60	50
Nominal AC Current (A)	5	2.6	8.3	4.3
THDv at Nominal Power (%)	< 1.5			
<b>DC Output</b>				
USB-A (x1)	12W, 5V=2.4A			
QC3.0 (x2)	18W Max per port, 5V=3A, 9V=2A, 12V=1.5A			
USB-TypeC (x2)	100W Max per port, 5V=9V, 12V=3A, 20V=5A			
Car Port and DC Port Totally Max. Output	132W			
Car Port (x1)	132W, 13.2V=10A			
DC Port (x2)	132W Max per port, 13.2V=10A			
Wireless Charger (W)	10			
<b>Efficiency</b>				
Battery to AC Max (%)	92.5	93.0	92.5	93.0
AC to Battery Max (%)	92			
<b>Protection</b>				
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				
<b>General Data</b>				
Dimensions (W/H/D) (mm)	348*264*192			
Weight (Kg)	9.5		11.1	
LCD (mm)	82*48			
Cooling	Forced Air Cooling			
Operation Temperature Range	0~40°C (Charging), -15~+40°C (Discharging)			
Operation Relative Humidity [RH(%)]	0~95%, Non Condensation			
Ingress Protection	IP20			
Noise (dB)	< 65			
Communication Interface	Wi-Fi/Bluetooth			
LED Light (W)	3W			