



# PORTABLE POWER STATION

300W/500W/1000W optional



## Strong capacity and portability

Portable power station 500W provides 500Wh (135200mAh) of energy, which is enough to power various electronic products for 1-2 days. Run a UAV (60Wh) for about 7 times, a mini car refrigerator (40W) for about 9.4 hours, a CPAP machine (40W) for about 9.4 hours, a fan (35W) for about 10.6 hours, and a 43-inch TV (110W) for about 3.4 hours. The electric generator is portable. It weighs only 16 pounds and measures 7.5 x 7.5 x 8.5 inches.



## 10 outputs and 360 ° LED lighting

The power generator can charge 10 devices at a time, with 4 AC sockets (Pure SINE WAVE 100V-120V 1800W peak), 2 USB-C ports, 2 USB-A ports, 1 DC, 1 car charging port, 4 LED lights, which can illuminate 360 ° at four corners.

## Charging method&2000 charging

The outdoor generator can be 2 x 100W solar panels (fully charged in 4.5 hours), or on-board power generation (fully charged in 4.5 hours), Type-C fast charging (fully charged in 6 hours) and main charging (fully charged in 5 hours). Note: Solar panels are not included. The lithium-ion battery pack can realize 2000 charging and discharging cycles.



Type	Product model		
	ES301	ES551	ES1101
Cell type	Ternary lithium battery		
Single cell capacity	2600mAh		
Battery pack mode	4S8P	4S13P	4S27P
Rated capacity of battery	83200mAh	135200mAh	280800mAh
Battery rated power	307.84Wh	500.24Wh	1038.96Wh
Battery rated voltage	14.8V		
Discharge cut-off voltage	12V		
Battery internal resistance	<20mR		
Operating temperature of battery	-10 ~ 60°C		
Normal temperature cycle life	500cycles>80%		
charging current	20A		
discharging current	50A	100A	150A
Monomer overvoltage	4.25V		
Response time	2S		
Overvoltage recovery	4.15V		
Monomer under-voltage	3V		
Response time	2.9S		
Undervoltage recovery	3.1V		
Short circuit protection	When the positive and negative impedance is less than 50mΩ, it is considered as short circuit.		
Recover		Software delete	
Overcurrent protection	60A	120A	180A
Response time	5S		
Recover	Software delete		
Charging overtemperature protection	48°C		
Recovery temperature	40°C		
Discharge overtemperature protection	65°C		
Recovery temperature	60°C		
Battery equalization	80mA		
Storage temperature	In one year: -20°C to 35°C,(45-85%RH)		
	In half year: -20°C to 40°C,(45-85%RH)		
	In three months:-20°C to 45°C,(45-85%RH)		
Static consumption current	<30mA		
Sleep current	<0.1mA		
Main facility weight	4.6KG	6.8KG	11.5KG
Main facility size	192*192*218 (L)mm	192*192*218 (L)mm	192*192*303 (L)mm
Set weight	6.5KG	8.8KG	13.5KG
Packing size	310*287*317mm	310*287*317mm	310*287*317mm
Cabinet quantity	About 864 20-foot cabinets,	About 864 20-foot cabinets,	NA
	About 1,824 40-foot cabinets	About 1,824 40-foot cabinets	