

0.5kW+1kWh Porable Power Station

Model
ESS 500W+1000WH



Extended capacity for longer backup duration



314Ah high density LFP battery

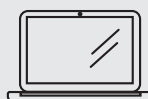


Integrated design of inverter and BMS



Support solar charging

Longer outages · Home backup · Solar & ToU optimization



Model	ESS 500W+1000WH
Battery	
Cell Chemistry	LFP
Rated Capacity	1004.8Wh
Rated Voltage / Capacity	3.2V, 314Ah
Cycle Life	≥8000 cycles @ 80% DOD
Output	
Max AC Output Power	500W
AC Output Ports	220V × 1
USB-A Port	1× (5V/1A)5WMAX
Input	
AC Input	230V / 45–65Hz
DC / Solar Input	MPPT, 300W MAX, 10–55V
General	
Net Weight (Approx.)	11 kg
Dimensions	210 × 156 × 356 mm
IP Rating	IP20
Operating Temp (Charge / Discharge)	–10°C to 50°C
Operating Humidity	5–95% (Non-condensing)
Sea Level	≤2000
Display	Indicator LEDs

All specifications are for reference only. Dimensions and weight are approximate and subject to change as product design is finalized.