

1kW+2kWh Porable Power Station



Model
ESS 1000W+2009WH



Extended capacity for longer backup duration



314Ah high density LFP battery

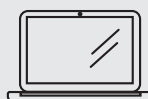


Integrated design of inverter and BMS



Support solar charging

Longer outages · Home backup · Solar & ToU optimization



Model	ESS 1000W+2009WH
Battery	
Cell Chemistry	LFP
Rated Capacity	1009.6Wh
Rated Voltage / Capacity	6.4V, 314Ah
Cycle Life	≥8000 cycles @ 80% DOD
Output	
Max AC Output Power	1000W
AC Output Ports	220V × 1
USB-A Port	1× (5V/1A)5WMAX
Input	
AC Input	230V / 45–65Hz
DC / Solar Input	MPPT, 550W MAX, 13–55V
General	
Net Weight (Approx.)	18.9kg
Dimensions	240× 225 × 360 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.