

6kW+16kWh Floor-standing All-in-One

Model

ESS 6KW+16KWH



Extended capacity for longer backup duration



314Ah high density LFP battery

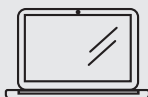


Integrated design of inverter and BMS



Support solar charging

Longer outages · Home backup · Solar & ToU optimization



Model	ESS 6KW+16KWH
Battery	
Cell Chemistry	LFP
Rated Capacity	16000Wh
Rated Voltage / Capacity	51.2V, 314Ah
Cycle Life	≥8000 cycles @ 80% DOD
Output	
Max AC Output Power	6000W
AC Output	208/220/230/240V/ 50/60Hz
Switch Time	10ms
Input	
AC Input	208/220/230/240V/ 50/60Hz
DC / Solar Input	MPPT, 27A/9000W MAX, 80–450V
General	
Net Weight (Approx.)	147kg
Dimensions	550*245*1180mm
IP Rating	IP20
Operating Temp (Charge / Discharge)	–10°C to 50°C
Operating Humidity	5–95% (Non-condensing)
Sea Level	≤4000
Display	LCD
Communication	RS485/RS232/USB/WIFI

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