

12kW+30kWh Floor-standing All-in-One

Model
ESS HY 12KW+30KWH



Extended capacity for longer backup duration



314Ah high density LFP battery

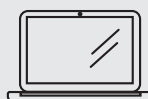


Integrated design of inverter and BMS



Support solar charging

Longer outages · Home backup · Solar & ToU optimization



Model	ESS HY 12KW+30KWH
Battery	
Cell Chemistry	LFP
Rated Capacity	30720Wh
Rated Voltage / Capacity	96V, 314Ah
Cycle Life	≥8000 cycles @ 80% DOD
Output	
Max AC Output Power	12000W
AC Output	220/230/240V/ 50/60Hz
Switch Time	10ms
Input	
AC Input	20/230/240V/ 50/60Hz
DC / Solar Input	2*MPPT, 22A+22A/6000W+6000W MAX, 90 – 485V
General	
Net Weight (Approx.)	255kg
Dimensions	695*298*1550mm
IP Rating	IP21
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.