

ESS-Wall-5K

Wall Mounted Energy Storage Battery

Support capacity selection 5kWh /10kWh /15kWh /20kWh ...



Expansion Flexibility

5kWh modular design, support 1-8 battery in parallel.



Easy Installation

Wall mounted or floor mounted, saving installation time and cost.



Safe & Reliable

Lithium Iron Phosphate(LFP) cell only. BMS built in.



Environment Adaptability

Wider temperature range: -10°C~55°C. IP65 protection class.



Perfect Compatibility

Compatible with most low voltage inverters in the market.



Long Lifespan

15-20 years designed lifespan, more than 6000 cycles (0.5C, 25°C).

51.2V 102Ah 5.22kWh

Power Wall





ESS-Wall-5K

CE CB     UN38.3

Model	ESS-Wall-5K
Nominal Capacity	5.22kWh
Nominal Voltage	51.2V
Charge Voltage	57.6V
Discharge Voltage Range	45-57V
Max. Charging Current	40A
Battery Type	LiFePO4
Max. Discharging Current	75A
Max. Output Power	3840W
DOD	90%
Modules Connection	1-8 in parallel
Communication	CAN.RS485
Cycle Life	≥6000@25°C,0.5C
Storage temperature	-20°C~+35°C
Working Temp Range	Charge:0°C~+55°C Discharge:-10°C~+55°C
Net Weight	48.5kg/106lb
Gross Weight	52.5kg/115lb
Product Dimension (W*H*D)	536.3*464*180.5mm
Package Dimension (W^H*D)	592*522*252mm