



SmartStor WA1-51-100-204-LV

Wall-mounted LiFePO4 Energy Storage Battery

5.12/10.44kWh



Highlights



Perfect Compatibility

Compatible to most inverter brands on the market, such as Growatt, Deye, Solis etc;



Flexible Configuration

Parallel for expanding capacity and power and support USB upgrade,wifi upgrade(optional),remote upgrade;



Eco-Friendly

The whole module is non-toxic, non-polluting and environmentally friendly;



Multi-protection

Protection functions including over-discharge, over-charge, over-current and over-high or low temperature etc;



Higher Cycle Life

charging & discharging efficiency is high, and the number of cycles is 8000+ times;



Smart Management

BMS can automatically manage charge & discharge state and balance current and voltage of each cell.



On-Demand Heating

Heating function is optional,suitable for extremely cold situation



Higher Protection

IP65 protection class.

Product Model	WA1-51.2-100-LV	WA1-51.2-204-LV
Rated Volatge(Vdc)	51.2V	
Capacity(Ah)	100	204
Rated Energy (kWh)	5.12	10.44
Battery Type	LiFePO4	
Battery Voltage Range (V)	45-57.6V	
Maximum Charging Current (A)	45	90
Maximum Discharge Current (A)	75	140
Cycle Life	≥8000 times @80% DOD, 25°C, 0.5C	
Methods Of Communication	RS485/CAN	
Charging Temperature	0°C~+50°C@60±25% Relative Humidity	
Discharge Temperature	-10°C~+55°C @60±25% Relative Humidity	
Storage Temperature	-20°C~+35°C @60±25% Relative Humidity	
IP Protection	IP 65	
Modules Connection	1-8units in parallel	
Fire Protection	Aerosol	
Heating	Optional	
Product Dimensions (W×H×Dmm)	536×464×181	560×805×181
Net Weight (Kg)	49	96
Packing Dimensions (W×H×Dmm)	592×522×252	720×950×390
Gross Weight (Kg)	53	125
Certificate	UN38.3, MSDS, CE,CEI 0-21	