

Wall Mounted energy storage (Home)

Light and convenient household energy storage option, light weight, small size, integrated body design, plug and play, easy installation, more convenient space optimization energy storage scheme.

- 

Long Life
- 

Mobility
- 

Space Saving
- 

Home Appliance Style



Model	LFW-48100/51100		LFW-48150/51150	LFW-48200/51200
Standard Voltage	48VDc/51.2VDc			
Voltage	39.75-54.75VDc/42.4-58.4VDc			
Norminal Capacity	100Ah	150Ah	200Ah	
Rated Capacity	4.8/5.12kWh	7.2/7.68kWh	9.6/10.24kWh	
Commumication Protocol	CAN / RS485 / WIFI / 4G / Blue Tooth			
Efficiency (at 0.5C)	98%			
Cell Self-Discharge	<5 % / Month			
Maximum Allowed Modules in Parallet	15 (72/76.8kWh)	15 (108/115.2kWh)	15 (144/153.6kWh)	
Depth of Discharge	Up to 100%			
Useful Life	8-10 Years			
Cycle Life	6000 (@ 80% DoD)			
Protection	Over temperature, overcurrent, short circuit, over-charging, over-discharging, Low voltage			
Charge Specifications				
Recommended Charge Current	25A	50A	50A	
Maximum Charge Current	50A	100A	100A	
Recommended Charge Voltage	54/57.6V	54/57.6V	54/57.6V	
Maximum Charge Voltage	54.75/58.4V	54.75/58.4V	54.75/58.4V	
Discharge Specifications				
Recommended Discharge Current	25A	50A	50A	
Maximum Discharge Current	50A	100A	100A	
Recommended Low Voltage Disconnect	41.25/44V			
Battery Low Voltage Protection	39.75/42.4V			
Battery Recovery Voltage	45/48V			
Mechanical Specifications				
Dimenstions:	510*440*220mm	690*530*215mm	690*530*215mm	
Weight	50/53.5kgs	70/75kgs	90/96kgs	
Terminal Type	M6			
Case Material	Industrial Grade Iron			
Enclosure Protection	IP20			
Installation	Cabinet or Wall installation			
Cell Type Chemistry	LiFeP04			
Compliance Specifications				
Certifications	CE,FCC, CCC			
Shipping Classification	UN 38.3. UN 3480, Class 9			
Temperature Specifications				
Discharge Temperature	-20~65°C	-20~65°C	-20~65°C	
Charge Temperature	0~55°C	0~55°C	0~55°C	
Storage Temperature	-20~45°C	-20~45°C	-20~45°C	