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 Energy Capacity	4.8/5.12kWh	7.2/7.68kWh	9.6/10.24kWh
Communication Protocol	CAN/RS485/WIFI/4G/Blue Tooth		
Efficiency (at 0.5C)	98%		
Cell Self-Discharge	<5 %/ Month		
Maximum Units in Parallel	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	50A	75A	100A
Maximum Charge Current	100A	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
Disharge Specifications			
Recommended Discharge Current	50A	75A	100A
Maximum Discharge Current	100A	100A	100A
Recommended 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	50/53.5kg	70/75kg	90/96kg
Terminal Type	M6		
Case Material	Industrial Grade Iron		
Enclosure Protection	IP20		
Installation	Cabinet or Wall installation		
Cell Type Chemistry	LiFePO4		
Compliance Specifications			
Certifications	CE,FCC, CCC		
Shipping Classification	UN 38.3. UN 3480, Class 9		
Temperature Specifications			
Discharge Temperature	-20~65℃	-20~65℃	-20~65℃
Charge Temperature	0~55℃	0~55℃	0~55℃
Storage Temperature	-20~45℃	-20~45℃	-20~45℃