

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



LiFePO4

6000+ Cycles

5 year warranty

Model	ALB-W-48100	ALB-W-48150	ALB-W-48200
Standard Voltage	48VDC		
Voltage	37.5-54.75VDC		
Nominal Capacity	100Ah	150Ah	200Ah
Rated Capacity	4.8kWh	7.2kWh	9.6kWh
Communication Protocol	CAN / RS485 / WIFI / 4G / Blue Tooth		
Efficiency (at 0.5C)	98%		
Cell Self-Discharge	<5 % / Month		
Maximum Allowed Modules in Parallet	15 (72kWh)	15 (108kWh)	15 (144kWh)
Depth of Discharge	Up to 100%		
Useful Life	8-10 Years		
Cycle Life	6000 (@ 80% DoD)		
Protection	Over thermal protection, 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	54V	54V	54V
Maximum Charge Voltage	54.75V	54.75V	54.75V
Discharge Specifications			
Recommended Discharge Current	25A	50A	50A
Maximum Discharge Current	50A	100A	100A
Recommended Low Voltage Disconnect	41.25V		
Battery Low Voltage Protection	39.75V		
Battery Recovery Voltage	45V		
Mechanical Specifications			
Dimenstions:	510*440*220mm	690*530*215mm	690*530*215mm
Weight	50kgs	70kgs	90kgs
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