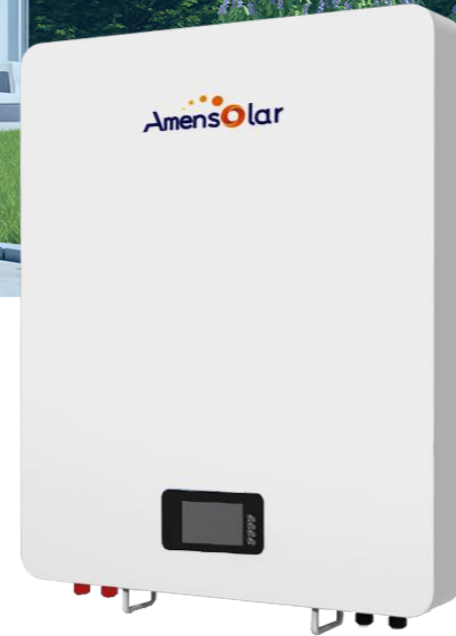




A series LifePo4 Battery AW5120 Wall Mounted

51.2V/100Ah/5.12KWh



Cycle life

>6000 Cycles @ 90%DOD



Consistency of battery cells

Active equalization (3A)
Settable charging voltage



2U Thickness; wall mounted

88mm: Larger capacity in limited space
Multi installation methods



Scalable: paralleled 16 sets

Battery: 5.12kWh - 81.9kWh



Intelligent BMS

Wider compatibility;
Automatic DIP Setting



Car-grade LiFePo4 battery

Compact, safe, stable, flexible



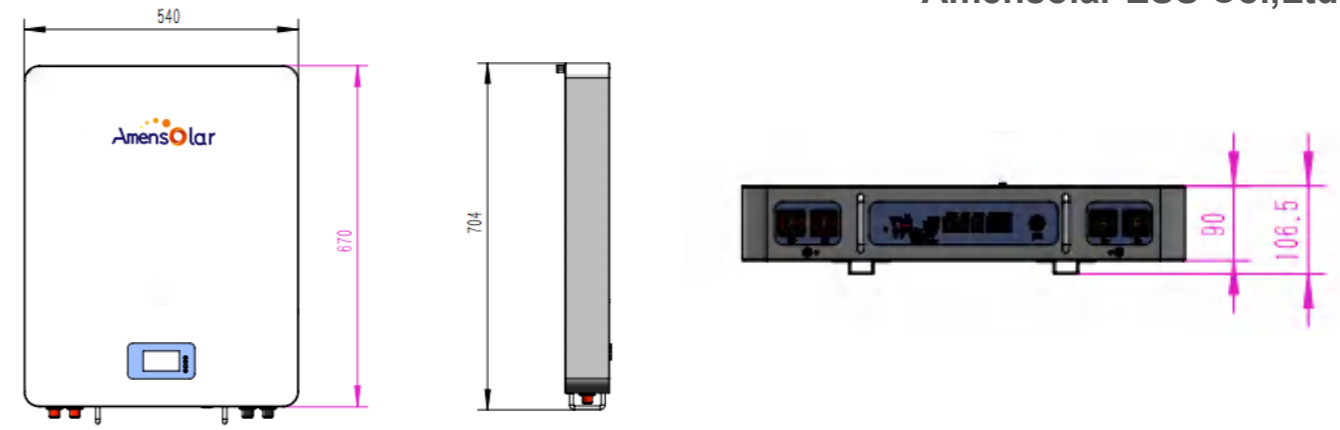
Auto-heating function

Heating below 0°C
BMS automatic management



Touch screen

View battery information
Set communication protocol and DIP



Model	AW5120
Certificate Model	YNBB16S100KX-L
Nominal Voltage	51.2V
Voltage Range	44.8V~57.6V
Nominal Capacity	100Ah
Nominal Energy	5.12kWh
Charge Current	50A
Max Charge Current	100A
Discharge Current	50A
Max Discharge Current	100A
Charge Temperature	0°C~+55°C
Discharge Temperature	-20°C~+55°C
Battery Equalization	Active 3A and Passive
Heating Function	BMS automatic management when charging temperature below 0°C (Optional)
Relative Humidity	5% - 95%
Dimension(L*W*H)	540*704*94mm
Weight	45±0.5KG
Communication	CAN, RS485
Enclosure Protection Rating	IP21
Cooling Type	Natural Cooling
Cycle Life	≥6000
Recommend DOD	90%
Design Life	20+ Years (25°C@77°F)
Safety Standard	CUL1973/UL1973/CE/IEC62619/UN38.3
Max. Pieces of Parallel	16