

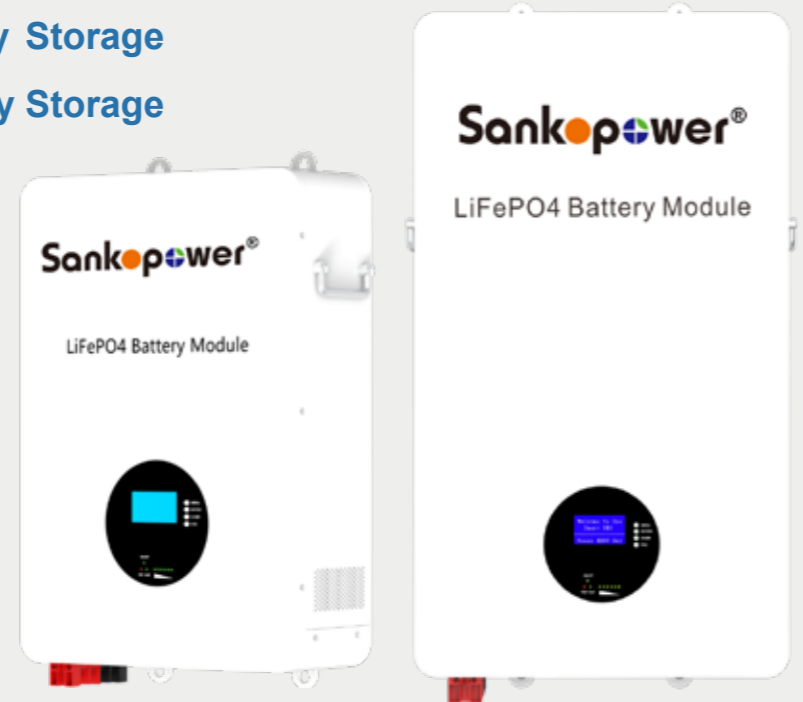
## LBH LIFEPO4 battery 6000 cycles - Wall Mount

51.2V/100Ah 5.12Kwh Lithium Battery Storage

51.2V/120Ah 6.14Kwh Lithium Battery Storage

51.2V/150Ah 7.68Kwh Lithium Battery Storage

51.2V/200Ah 10.24Kwh Lithium Battery Storage



### Battery Features

- ◆ Top brand cell, grade A quality
- ◆ Comply with RoHS standards
- ◆ Cells cycle times 6000 cycle life
- ◆ Long lifespan: 5 years warranty, 10+ life design at 25°C
- ◆ No active cooling system is required

### Application

- ◆ Oil and electricity hybrid energy storage system.
- ◆ Grid frequency adjustment energy storage system.
- ◆ New energy communication base station, Core computer room, IDC UPS.
- ◆ Smart grid, micro-grid system.
- ◆ Other energy storage system.
- ◆ Mobile container storage system.
- ◆ Load tracking energy storage system.
- ◆ Peak load shifting energy storage system.
- ◆ New energy generation (solar, wind, PV/wind hybrid) access to energy storage system.

### Communication with different brand:



## Technical Parameter

MODEL	LBH 51.2V/50Ah	LBH 51.2V/80Ah	LBH 51.2V/100Ah	LBH 51.2V/120Ah	LBH 51.2V/150Ah	LBH 51.2V/200Ah
Rate voltage(Vdc)	51.2	51.2	51.2	51.2	51.2	51.2
Rate capacity(AH)	50	80	100	120	150	200
Energy storage(KWH)	2.56	4.096	5.12	6.144	7.68	10.24
Cycle life	≥6000 cycles to 85% DOD					
Months self discharge	≤2%					
Efficiency of charge	100% at 0.2C					
Efficiency of discharge	96-99% at 1C					
<b>Standard Charge</b>						
Charge voltage	58.4					
Charge mode	0.2C to 58.4V, then 58.4V, charge current to 0.02C (CC/CV)					
Charge current(A)	10	16	20	24	30	40
Max. Charge current(A)	50	80	100	120	120	200
Charge cut-off voltage(VDC)	58.4					
<b>Standard Discharge</b>						
Contiuous current(A)	50	80	100	120	120	200
Discharge cut-off voltage(VDC)	44.8					
<b>Environmental</b>						
Charge tem perature	0°C to 45 °C (32F to 113F) @60±25% Relative Humidity					
Discharge tem perature	-20 °C to 60°C (-4F to 140F) @60±25% Relative Humidity					
Storage tem perature	0°C to 40 °C (32F to 104F) @60±25% Relative Humidity					
<b>Mechanical</b>						
IP Class	IP60					
Material system	LiFePO4					
Case m aterial	Metal					
Case Type	Rack / Wall Mount					
Pack Dim ensions L*W *H(m m )	525*390*150	540*220*185	525*485*170	470*390*150	680*545*150	590*375*245
Package Dim ension L*W *H(m m )	610*485*250	690*300*260	600*485*255	575*490*255	760*625*240	685*470*350
Net Weight(kg)	39.5	40	43.4	46	72	82
Gross Weight(kg)	41.5	42.6	45.9	48.5	75	85
Tem inal	M8					
Protocol (Optinal)	CANBus/RS485/RS232					
SOC (Optional)	LED/LCD					
The quality assurance period	60 Months					

Product specifications are subject to change without prior notice.