

### Solar Lithium battery LBC Series 6000 Cycles

51.2V/100Ah LiFePO4 Lithium Iron Battery (Wall Mounted)

51.2V/200Ah LiFePO4 Lithium Iron Battery (Wall Mounted)



#### Back Panel Printing Description

-  Top brand cell, grade A quality
-  High density, small size and weight
-  Cells cycle times 6000 cycle
-  Long lifespan: 5 years warranty, 10+ life design
-  Big discharge current, Suitable for solar system
-  Smart BMS system to optimize the performance
-  Communication: RS485/CAN, compatible with different brand of solar inverter
-  All around protection
-  Power wall and 4U Rack mounted case design for optional
-  Smart bms supports communication with different brand of hybrid inverter

#### Communication with different brand:



### Technical Parameter

SPECIFICATION	MODEL	
	51.2V100AH LBC Series	51.2V200AH LBC Series
Battery Type	LiFePO4 (BYD/ EVE Cell)	LiFePO4 (BYD/ EVE Cell)
Normal Battery Model	51.2V100AH	51.2V200AH
Normal Capacity(25°C, 0.2C)(WH)	5120Wh	10.24KWh
Voltage window(Vdc)	44.8~58.4 V	44.8~58.4 V
Folat Charge Voltage(Vdc)	56	56
Max.continue discharge current(A)	50	100
Max.pulse discharge current(A)	150A 1Sec.	150A 1Sec.
Max.continue charge current(A)	50	100
Cycle life(+25°C0.2C 100%DOD)	>6000 Cycles	>6000 Cycles
Cell Equalizer Current A)	1~5A Max.	1~5A Max.
Terminal	M8	
Storage temperature	0°C~30°C	
Storage duration	6 months at 25°C	
Safety standard	UN38.3, MSDS, CE	
IP degree	IP20	
Communication function	RS485/CAN (Communication protocol supported inverter brand: Deye, Growatt, Voltroni, GOODWE, VICTRON, PYLONTEC, SMA, SOFAR)	
<b>PROTECTION</b>		
Protection	Overcharge protection、Overdischarge protection、Overcurrent protection、Shortcircuit protection、Overtemperature protection	
<b>AMBIENT</b>		
Noise(dB)	< 40dB (1 meter)	
Working Temperature	-10°C ~ +50°C	
Humidity	0~95% ( no condensation)	
Sea Level(m)	=1500	
<b>DIMENSION</b>		
LxWxH(products size) mm	L625*W455*H181mm	L 837*W455*H181 mm
LxWxH(package size) mm	L660*W490*H216mm	L 872*W490*H216mm
Weight(NW Kg)	57.0Kg	101.0Kg
Weight(GW Kg)	60.0Kg	104.0Kg