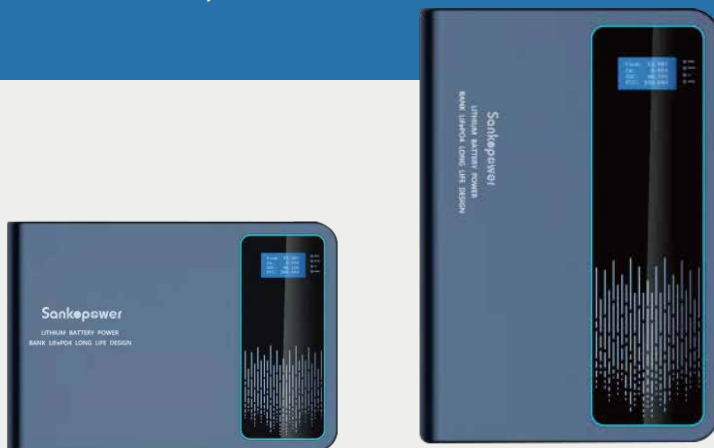


Solar Lithium battery LBC Series 6000 Cycles

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

MODEL SPECIFICATION	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℃, 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℃0.2C 100%DOD)	>6000 Cycles	>6000 Cycles
Cell Equalizer Current A)	1~5A Max.	1~5A Max.
Terminal	M8	
Storage temperature	0℃~30℃	
Storage duration	6 months at 25℃	
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）	
PROTECTION		
Protection	Overcharge protection、 Overdischarge protection、 Overcurrent protection、 Shortcircuit protection、 Overtemperature protection	
AMBIENT		
Noise(dB)	< 40dB (1 meter)	
Working Temperature	-10℃ ~ +50℃	
Humidity	0~95% (no condensation)	
Sea Level(m)	=1500	
DIMENSION		
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

Solar Lithium Battery Pack, Modular Stacked LBD Series (2560KWh~ 20.48KWh Battery, 6000 Cycles)

51.2V/50Ah LiFePO4 Lithium Battery System (2560Wh)

51.2V/100Ah LiFePO4 Lithium Battery System (5120Wh)

51.2V/200Ah LiFePO4 Lithium Battery System (10.24KWh)

51.2V/300Ah LiFePO4 Lithium Battery System (15.36KWh)

51.2V/400Ah LiFePO4 Lithium Battery System (20.48KWh)



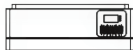
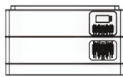
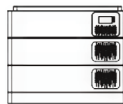
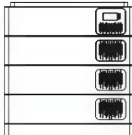
Back Panel Printing Description

-  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	LBD-51.2V 50AH	LBD-51.2V 100AH	LBD-51.2V 200AH	LBD-51.2V 300AH	LBD-51.2V 400AH
System Demo						
Battery Module		LBD-51.2V 50AH	LBD-51.2V 100AH			
No.of Module		1	1	2	3	4
Normal Capacity(25℃, 0.2C)(WH)		2560Wh	5120Wh	10.24KWh	15.36KWh	20.48KWh
Battery Type		LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)	LiFePO4 (BYD Cell)
Voltage window(Vde)		44.8~58.4V	44.8~58.4V	44.8~58.4V	44.8~58.4V	44.8~58.4V
Folat Charge Voltage(Vdc)		56.0V	56.0V	56.0V	56.0V	56.0V
Max.continue discharge current (A)		25	50	100	150	200
Max.pulse discharge current (A)		50A 1Sec.	150A 1Sec.	300A 1Sec.	450A 1Sec.	600A 1Sec.
Max.continue charge current (A)		50	50	100	150	200
Cycle life(+25℃0.2C 100%DOD)		> 6000 Cycles	> 6000 Cycles	> 6000 Cycles	> 6000 Cycles	> 6000 Cycles
Cell Equalizer Current(A)		1~5A Max.	1~5A Max.	1~5A Max.	1~5A Max.	1~5A Max.
Terminal		Double M8	Double M8	Double M8	Double M8	Double M8
Storage temperature		0℃~30℃				
Storage duration		6 months at 25℃				
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)				
PROTECTION						
Protection		Overcharge protection、 Overdischarge protection、 Overcurrent protection、 Shortcircuit protection、 Overtemperature protection				
AMBIENT						
Noise(dB)		< 40dB (1 meter)				
Working Temperature		-10C ~+50C				
Humidity		0~95% (no condensation)				
Sea Level (m)		=1500				
DIMENSION						
LxWxH(products size) mm		L479*W192*M192mm	L655*W452*H191mm	L655*W452*H428mm	L655*W422*H595mm	L655*W422*H761mm
Weight(NW Kg)		33.0Kg	55.0Kg	118.0Kg	175.0Kg	228.0Kg

Lithium Battery LBA Series Lithium Iron Battery Pack Powerwall design

Wall mounted type



Main features

- ⊗ 24V, 48V LiFePO4 pack, superior safety and reliability.
 - ⊗ Top brand cell such as CATL, BYD or GOTION.
 - ⊗ Cells cycles times: ≥ 3000 .
 - ⊗ Long lifespan: 3 years warranty, 5+ years life design.
 - ⊗ With intelligent BMS system to optimize the performance.
 - ⊗ Built in 1.2A cell equalizer, can balance all cells in short time.
 - ⊗ Max discharge current up to 200A, compatible with Solar system.
 - ⊗ Excellent standby self-consumption as low as 4mA.
 - ⊗ High density, small size and light weight.
 - ⊗ Wall mounted design, easy installation.
- All around protection and unattended operation.
- ⊗ Optional for LCD display or communication (CAN/RS485/RS232).

Tower wall type



Technical Parameter

SPECIFICATION	MODEL	12V200AH Li-LBA	24V100AH Li-LBA	24V200AH Li-LBA	48V100AH Li-LBA	48V200AH Li-LBA	24V200AH Li-LBA	48V200AH Li-LBA
Battery Type	LiFePO4							
Normal Battery Voltage(Vdc)	12.8V	25.6V	25.6V	51.2V	51.2V	25.6V	51.2V	
Normal Capacity(25°C, 0.2C)(WH)	2560WH	2560WH	5120WH	5120WH	10240WH	5120WH	10240WH	
Voltage window (Vdc)	11.2 ~ 14.6V	22.4 ~ 29.2V	22.4 ~ 29.2V	44.8 ~ 58.4V	44.8 ~ 58.4V	22.4 ~ 29.2V	44.8 ~ 58.4V	
Folat Charge Voltage(Vdc)	13.8V	27.6V	27.6V	55.2V	55.2V	27.6V	55.2V	
Max.continue discharge current (A)	150	100	150	100	150	150	150	
Max.pulse discharge current (A)	200A 30Sec.	200A 30Sec.	200A 30Sec.	200A 30Sec.	200A 30Sec.	200A 30Sec.	200A 30Sec.	
Max.continue charge current (A)	100	50	100	50	100	100	100	
Case design	Wall mounted	Wall mounted	Wall mounted	Wall mounted	Wall mounted	Tower wall design	Tower wall design	
Cycle life(+25°C0.2C 80%DOD)	> 3000 Cycles (Optional for > 5000 cycles with 5 years warranty)							
Cell Equalizer Current(A)	1~5A Max.							
Terminal	M8							
Storage temperature	0°C ~ 30°C							
Storage duration	6 months at 25°C							
Safety standard	UN38.3,IEC62619,MSDS,CE							
IP degree	IP20							
PROTECTION								
Protection	Overcharge protection、Overdischarge protection、Overcurrent protection、Shortcircuit protection、Overtemperature protection							
AMBIENT								
Noise(dB)	< 40dB (1 meter)							
working Temperature	-10°C ~ +50°C							
Humidity	0~95% (no condensation)							
Sea Level(m)	=1500							
DIMENSION								
L×W×H (package size) mm	L314*W218*H380	L314*W218*H380	L534*W385*H218	L534*W385*H218	L652*W521*H218	L485*W298*H503	L485*W298*H802	
L×W×H (package size) mm	L395*W250*H442	L395*W250*H442	L611*W442*H250	L611*W442*H250	L722*W591*H280	L547*W315*H535	L545*W375*H854	
Weight(NW Kg)	25.0Kg	25.0Kg	44.0Kg	44.0Kg	73.0Kg	76.0Kg	132.0Kg	
Weight(GW Kg)	26.0Kg	26.0Kg	45.0Kg	45.0Kg	74.0Kg	78.0Kg	152.0Kg	

Lithium Battery LBB Series

Lithium Iron Battery Pack-Horizontal design



Main features

- ⊗ Affordable lithium battery with Lead acid battery price
- ⊗ 12V,24V, 48V LiFePO4 pack,safe and reliable
- ⊗ 2 years warranty, 5 years life design,stable quality and excellent performance
- ⊗ Built in smart BMS system to optimize the performance
- ⊗ With 1 .2A cell equalizer, can balance all cells in short time
- ⊗ Excellent standby self-consumption as low as 4mA.
- ⊗ Max discharge current up to1 50A, compatible with Solar system
- ⊗ Excellent standby self-consumption as low as 4mA
- ⊗ All around protection and unattended Operation
- ⊗ Optional for LCD display or communication (CAN/RS485/RS232)

Technical Parameter

SPECIFICATION	MODEL	12V200AH(C) Li-LBB	12V200AH(B) Li-LBB	24V100AH Li-LBB	24V200AH Li-LBB	48V200AH Li-LBB
Battery Type	LiFePO4					
Normal Battery Voltage(Vdc)	12.8V	12.8V	25.6V	25.6V	51.2V	
Normal Capacity(25℃, 0.2C (WH)	2560WH	2560WH	2560WH	5120WH	10240WH	
Voltage window (Vdc)	11.2～14.6V	11.2～14.6V	22.4～29.2V	22.4～29.2V	44.8～58.4V	
Folat Charge Voltage(Vdc)	13.8V	13.8V	27.6V	27.6V	55.2V	
Max.continue discharge current	100	100	100	100	100	
Max.pulse discharge current (A)	150A 1Sec.	150A 1Sec.	150A 1Sec.	150A 1Sec.	150A 1Sec.	
Max.continue charge current (A)	100	100	50	100	100	
LiFePO 4 cell type	CATL Module	BYD Module	CATL Module	BYD Module	BYD Module	
Cycle life(+25℃ 0.2C 80%DOD)	> 1500 Cycles					
Cell Equalizer Current(A)	1～5A Max.					
Terminal	M8					
Storage temperature	0℃ ～ 30℃					
Storage duration	6 months at 25℃					
Safety standard	UN38.3,IEC62619,MSDS,CE					
IP degree	IP20					
PROTECTION						
Protection	Overcharge protection、Overdischarge protection、Overcurrent protection、Shortcircuit protection、Overtemperature protection					
AMBIENT						
Noise(dB)	< 40dB (1 meter)					
working Temperature	-10℃ ～ +50℃					
Humidity	0～95% (no condensation)					
Sea Level(m)	=1500					
DIMENSION						
L×W×H (products size) mm	L547*W202*H220	L572*W268*H183	L547*W202*H220	L566*W322*H291	L778*W453*H363	
L×W×H (package size) mm	L586*W214*H239	L593*W282*H201	L586*W214*H239	L585*W334*H310	L860*W565*H550	
Weight(NW Kg)	31.0Kg	31.5Kg	31.0Kg	61.0Kg	132.0Kg	
Weight(GW Kg)	32.0Kg	32.5Kg	32.0Kg	62.5Kg	152.0Kg	

