

# Lithium Battery LBB Series

## Lithium Iron Battery Pack-Horizontal design



### MAIN FEATURES

- ① Affordable lithium battery with Lead acid battery price
- ① 12V,24V, 48V LiFePO4 pack, safe and reliable
- ① 2 years warranty, 5 years life design, stable quality and excellent performance
- ① Built in smart BMS system to optimize the performance
- ① With 1.2A cell equalizer, can balance all cells in short time
- ① Max discharge current up to 150A, compatible with Solar system
- ① Excellent standby self-consumption as low as 4mA
- ① All around protection and unattended Operation
- ① Optional for LCD display or communication (CAN/RS485/RS232)

TECHNICAL PARAMETER					
MODEL	Li-LBB 12V200AH ( C )	Li-LBB 12V200AH ( B )	Li-LBB 24V100AH	Li-LBB 24V200AH	Li-LBB 48V200AH
SPECIFICATION					
Battery Type	LiFePO4				
Normal Battery Voltage(Vdc)	12.8V	12.8V	25.6V	25.6V	51.2V
Normal Capacity(25°C, 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 (A)	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°C 0.2C 80%DOD)	> 1500 Cycles				
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 (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