

### Solar Lithium Battery LBA Series (Wall Mounted & Tower Wall, 3000 Cycles)

12.8V/200Ah LiFePO4 Solar Lithium Battery

25.6V/100Ah LiFePO4 Solar Lithium Battery

25.6V/200Ah LiFePO4 Solar Lithium Battery

51.2V/100Ah LiFePO4 Solar Lithium Battery

51.2V/200Ah LiFePO4 Solar Lithium Battery



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:  $\geq 3000$ .
- ⊕ 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.	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							
<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>								
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	