

Lithium Battery LBA Series Lithium Iron Battery Pack-Powerwall design

Wall mounted type



Tower wall 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).



TECHNICAL PARAMETER							
MODEL	Li-LBA 12V200AH	Li-LBA 24V100AH	Li-LBA 24V200AH	Li-LBA 48V100AH	Li-LBA 48V200AH	Li-LBA 24V200AH	Li-LBA 48V200AH
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°C 0.2C 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 (products 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