

### Solar Lithium Battery LBG Series 6000 Cycles

25.6V/200Ah LiFePO4 Lithium Iron Battery (Wall Mounted)

51.2V/120Ah LiFePO4 Lithium Iron Battery (Wall Mounted)

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



#### Back Panel Printing Description

- 24V and 48V lithium battery module
- More than 6000 times charge/discharge cycles life
- With the overcharge and overdischarge protection function
- With the overcurrent and shortcircuit protection function
- With the overtemperature protection function
- Horizontal and wall hanging case
- Application for off-grid solar power system
- Excellent standby self-consumption as low as 4mA
- Intelligent BMS equipped inside to maintain the battery always work at best condition
- Automatically output cut off after 30days no charge and discharge to ensure security, also can cut off output by manual operation
- 5 years warranty, 8-10 years life time, LiFePO4 battery, more stable and safe

#### Communication with different brand:



### Technical Parameter

SPECIFICATION	MODEL	25.6V220AH LBG Series	51.2V 120AH LBG Series	51.2V200AH LBG Series
Battery Type		LiFePO4(CATL)	LiFePO4(CATL)	LiFePO4(CATL)
Normal Capacity(25°C, 0.2C) (WH)		5632Wh	6144Wh	10240Wh
Voltage window(Vdc)		22.4~29.2 V	44.8~58.4 V	44.8~58.4 V
Folat Charge Voltage(Vdc)		27.6V	55.2V	55.2V
Max.continue discharge current(A)		150	100	150
Max.pulse discharge current(A)		200A 30Sec.	200A 30Sec.	200A 30Sec.
Max.continue charge current(A)		100	60	100
Life Cycle(+25°C 0.2C 100%DOD)		< 6000 cycles		
Cell Equalizer Current A)		1~5A Max.(option)		
Terminal		M8		
Storage temperature		0°C~30°C		
Storage duration		6 months at 25°C		
BMS communication		within Sankopower solar inverter Modbus-485 communication protocol		
Safety standard		UN38.3,MSDS		
IP degree		IP20		
<b>PROTECTION</b>				
Protection		Overcharge protection、Overdischarge protection、Overcurrent protection、Shortcircuit protection、Overtemperature protection		
<b>AMBIENT</b>				
Working Temperature		-10°C ~ +50°C		
Humidity		0~95% ( no condensation)		
Sea Level(m)		≤1500		
<b>DIMENSION</b>				
LxWxH(products size) mm		611*420*224mm	611*420*224mm	780*460*166mm
LxWxH(package size) mm		664*479*285mm	664*479*285mm	826*511*225mm
Weight(NW Kg)		57.0Kg	57.0Kg	71.0Kg
Weight(GW Kg)		59.5Kg	59.5Kg	74.0Kg