



BSL Series

B-LFP48-18

to replace lead acid GEL or AGM

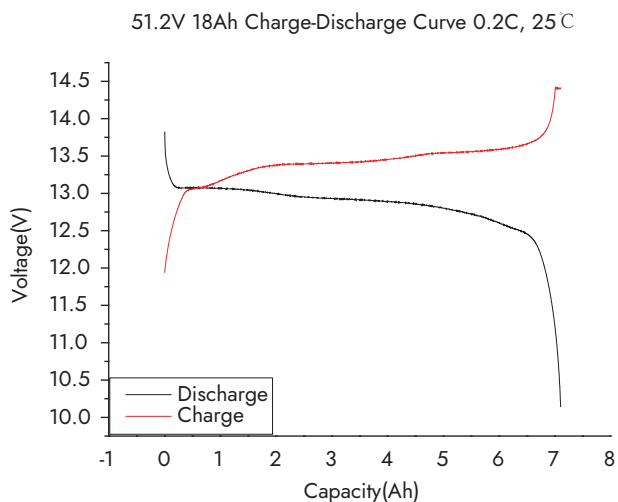


PRODUCT FEATURES

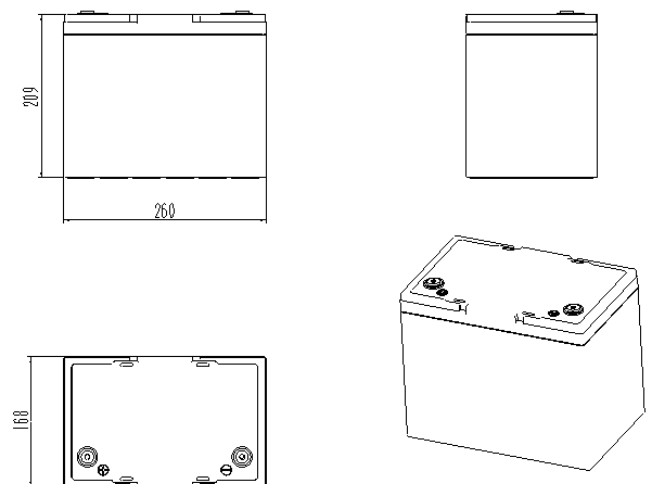
Designed for Marine/RV/UPS/Lawn Mover/Fish Finder/Access Control Power Energy Storage House Alarm Security applications. BSLBATT's 48V 922 Wh lithium batteries last up to four times longer than lead-acid batteries. They are maintenance-free, lightweight, and easy to operate.

Our B-LFP48-18 is equipped with the industry's leading LFP batteries, the safest lithium battery chemistry available today. This makes it ideal for deep-cycle applications.

CHARGE AND DISCHARGE CURVE



DIMENSION



Battery Model

B-LFP48-18

Nominal Voltage	51.2 V
Typical Capacity	18 ± 0.5 Ah (At 0.5C discharge rate)
Energy	922 Wh

Discharge

Working Current	0.5 C
Maximum Current	1 C
Cut-off Voltage	About 40 V

Charge

Voltage	57.6 ± 0.1 V
Working Current	0.5 C
Max Charging Current	≤ 1 C
Charge Mode	CC/CV, please use special lithium charger
Charging Cut-off Current	About 0.9 A

Operation Temperature

Charge	0°C ~ +55°C
Discharge	-20°C ~ +60°C

Additional Data

Storage Temperature	-20°C ~ +45°C
Discharging Inner Resistance	≤ 160 mΩ
Protection Function	Overcharge, over-discharge, over-current, short circuit and other protection functions
Output Mode	M8 Terminal
Shell Material	ABS
Weight	About 8 Kg (Single weight)
Dimension (L*W*H)	260*168*209 (±2) mm
Modules In Series	4
Cycle	≥3500, 80%DOD (0.2C, 25°C)

Note: Parameters can be adjusted according to customer requirements



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Drop-in Replacement



Tier One, A+ LiFePO4 Cell Composition



5 Years Warranty Guarantee



Smart Hardware & Software Design



Long Service Life



Eco-Friendly