



BSL Series

B-LFP12-100

to replace lead acid GEL Or AGM



PRODUCT FEATURES

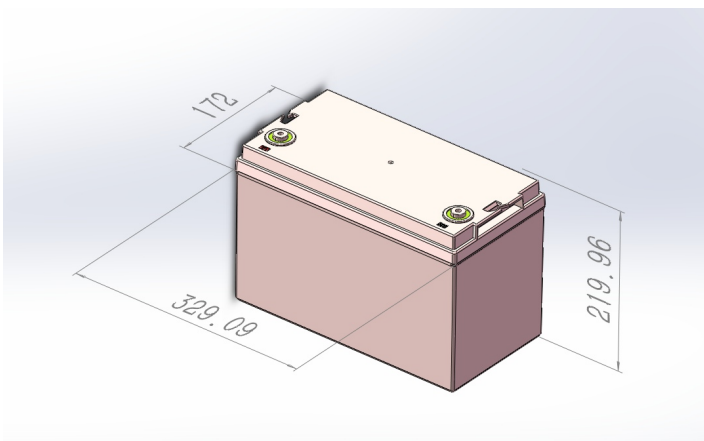
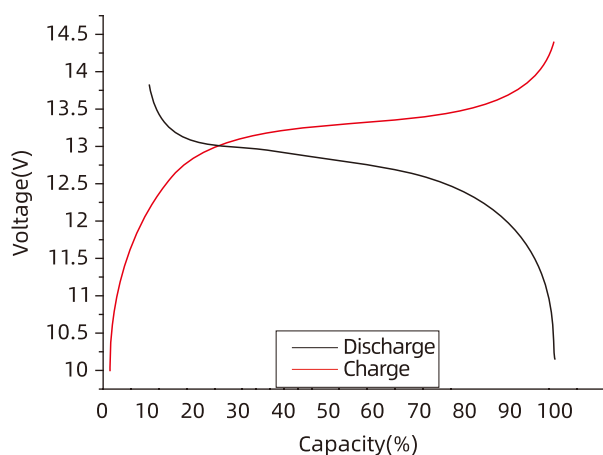
Designed for Power Energy Storage, Marine, RV, UPS, Lawn Mowers, Fish Finders, Access Control Systems, and House Alarm Security applications, BSLBATT's 12V 1280Wh lithium batteries last up to four times longer than lead-acid batteries. They are maintenance-free, lightweight, and easy to operate.

Our B-LFP12-100 model is equipped with the industry's leading LFP battery technology, featuring the safest lithium battery chemistry available today. This makes it an ideal choice for deep-cycle applications.

CHARGE AND DISCHARGE CURVE

DIMENSION

12.8V 100Ah Charge-Discharge Curve 0.5C, 25°C



Certification: UL, FCC, CE, ROHS, UN38.3, IEC

Battery Model

B-LFP12-100

Nominal Voltage	12.8 V
Typical Capacity	100 Ah
Energy	1280 Wh

Discharge

Working Current	50 A
Maximum Current	100 A
Cut-off Voltage	About 10 V

Charge

Voltage	14.4 ± 0.1 V
Working Current	0.5 C
Max Charging Current	≤ 100 A
Charge Mode	CC/CV, please use special lithium charger
Charging Cut-off Current	About 2 A

Operation Temperature

Charge	0°C+55°C
Discharge	-20°C+60°C

Additional Data

Storage Temperature	-20°C+45°C
Discharging Inner Resistance	≤ 60 mΩ
Protection Function	Overcharge, over-discharge, over-current, short circuit and other protection functions
Output Mode	M8 Terminal
Shell Material	ABS+PC
Weight	11.4 KG
Dimension (L*W*H)	329*172*219.9 (±2) mm
Serial-parallel module	1P4S
Cycle	≥3500@ 80%DOD (0.5C, 25°C)

Note: Parameters can be adjusted according to customer requirements



Facebook



Linkedin



Tiktok



Instagram



Youtube



Drop-in Replacement



Tier One, A+ LiFePO4 Cell Composition



5 Years Warranty Guarantee



Smart Hardware & Software Design



Long Service Life



Eco-Friendly