



BSL Series

B-LFP12-100

to replace lead acid GEL or AGM

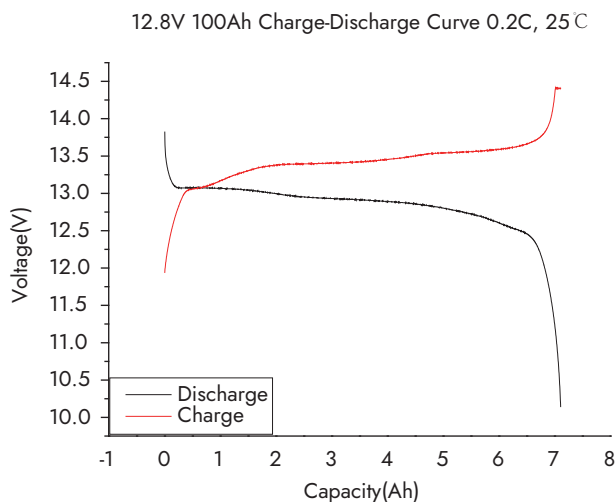


PRODUCT FEATURES

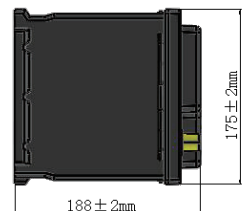
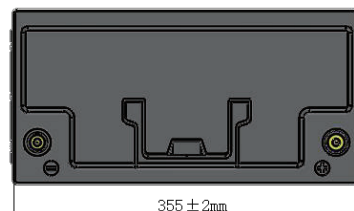
Designed for Marine/RV/UPS/Lawn Mover/Fish Finder/Access Control Power Energy Storage House Alarm Security applications. BSLBATT's 12V 1280 Wh lithium batteries last up to four times longer than lead-acid batteries. They are maintenance-free, lightweight, and easy to operate.

Our B-LFP12-100 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-LFP12-100

Nominal Voltage	12.8 V
Typical Capacity	100 ± 3 Ah (At 0.2C discharge rate)
Energy	1280 Wh

Discharge

Working Current	≤100A
Cut-off Voltage	About 10V

Charge

Voltage	14.4 ± 0.2 V
Standard Charge Current	≤ 50 A
Charge Mode	Constant Current/Constant Voltage
Charging Cut-off Current	About 2 A

Operation Temperature

Charge	0℃ ~ +55℃
Discharge	-20℃ ~ +60℃

Storage Temperature

-20℃ ~ 60℃ (Within 1 Month)
-20℃ ~ 45℃ (Within 3 Month)
-20℃ ~ 25℃ (Within 1 Year)

Additional Data

Discharging Inner Resistance	About 60 mΩ
Protection Function	Protection functions such as overcharge, over-discharge, over-current, short circuit, and temperature
Charging and Discharging Mode	Tapered copper column
Case Material	ABS
Weight	About 11.2 Kg
Dimension (L*W*H)	355*175*188 (±2) mm
Cycle	≥1500, and the capacity retention rate is ≥80%

Note: Parameters can be adjusted according to customer requirements



Facebook



Linkedin



Tiktik



Instagram



Youtube



Drop-in Replacement



Tier One, A+ LiFePO4 Cell Composition



5 Years Warranty Guarantee



Smart Hardware & Software Design



Long Service Life



Eco-Friendly