

BSL Series

B-LFP12-100S

to replace lead acid GEL Or AGM



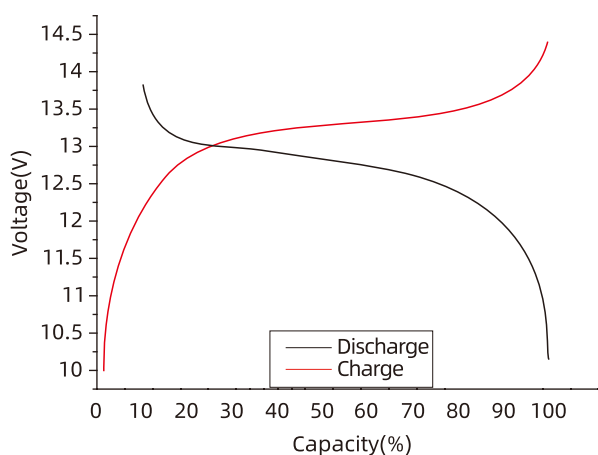
PRODUCT FEATURES

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.

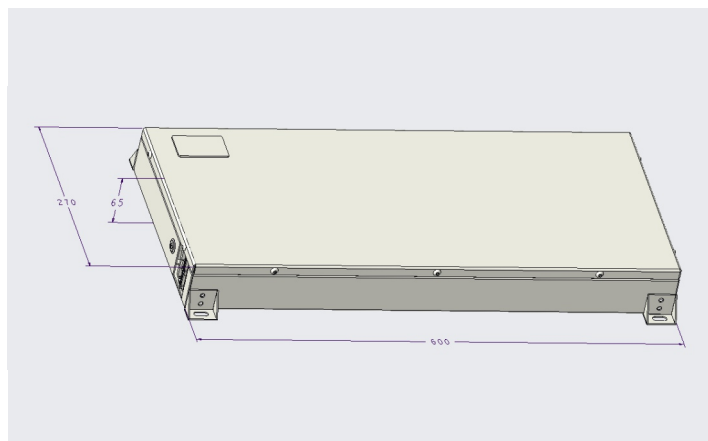
Our B-LFP12-100S slimline is equipped with industry-leading LFP battery technology, featuring the safest lithium battery chemistry available today, making it more adaptable to smaller spaces and ideal for a variety of deep cycle applications.

CHARGE AND DISCHARGE CURVE

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



DIMENSION



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

Battery Model

B-LFP12-100S

Nominal Voltage	12.8 V
Typical Capacity	100 Ah
Energy	1280 Wh

Discharge

Working Current	0.5 C
Maximum Current	1 C
Cut-off Voltage	About 10 V

Charge

Voltage	14.6 ± 0.2 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 2.5 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	Metal
Weight	15 Kg
Dimension (L*W*H)	600*270*65 (± 2) mm
Serial-parallel module	1P4S
Cycle	≥4000@ 80%DOD (0.5C, 25°C)

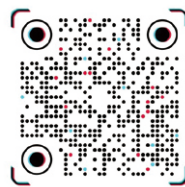
Note: Parameters can be adjusted according to customer requirements



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