



BSL Series

B-LFP12-460

to replace lead acid GEL Or AGM



PRODUCT FEATURES

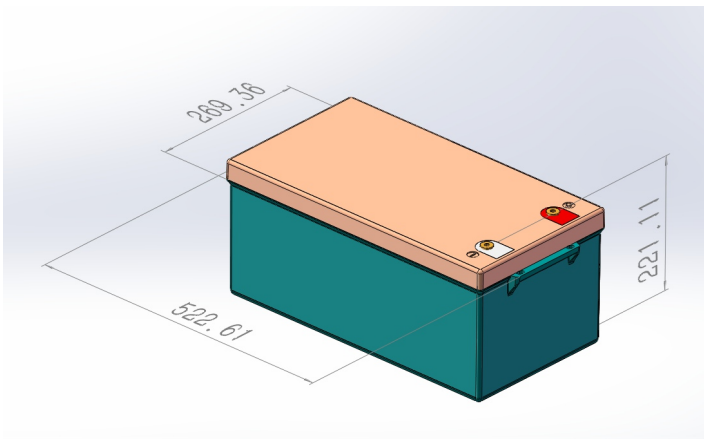
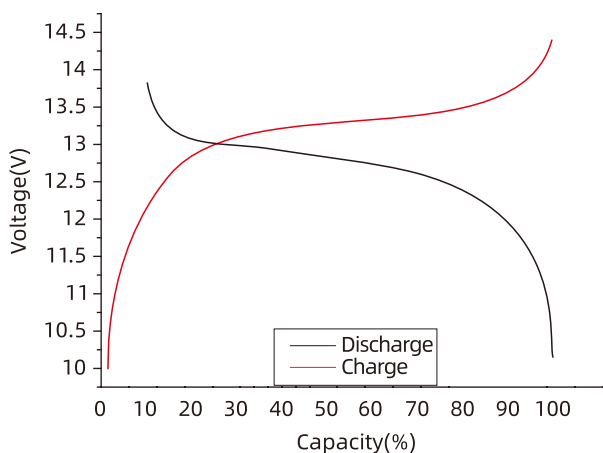
Designed for Power Energy Storage, Marine, RV, UPS, Lawn Mowers, Fish Finders, Access Control Systems, and House Alarm Security applications, BSLBATT's 12V 5888Wh lithium batteries last up to four times longer than lead-acid batteries. They are maintenance-free, lightweight, and easy to operate.

Our B-LFP12-460 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 460Ah Charge-Discharge Curve 0.5C, 25°C



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

Battery Model

B-LFP12-460

Nominal Voltage	12.8 V
Typical Capacity	460 Ah
Energy	5888 Wh

Discharge

Working Current	75 A
Maximum Current	300 A
Cut-off Voltage	About 10 V

Charge

Voltage	14.4 ± 0.2 V
Working Current	75 A
Max Charging Current	200 A
Charge Mode	CC/CV, please use special lithium charger
Charging Cut-off Current	About 6 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
Weight	40.7 Kg
Dimension (L*W*H)	522*269*221 (±2) mm
Serial-parallel module	2P4S
Cycle	≥3500@ 80%DOD (0.5C, 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