BSL Series

B-LFP12-230

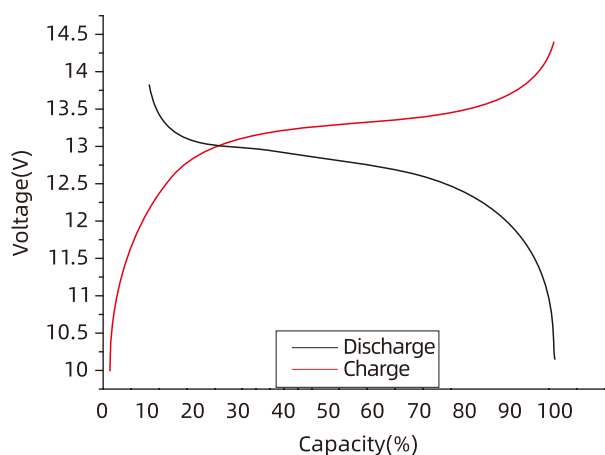### to replace lead acid GEL Or AGM

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 2944Wh lithium batteries last up to four times longer than lead-acid batteries. They are maintenance-free, lightweight, and easy to operate.
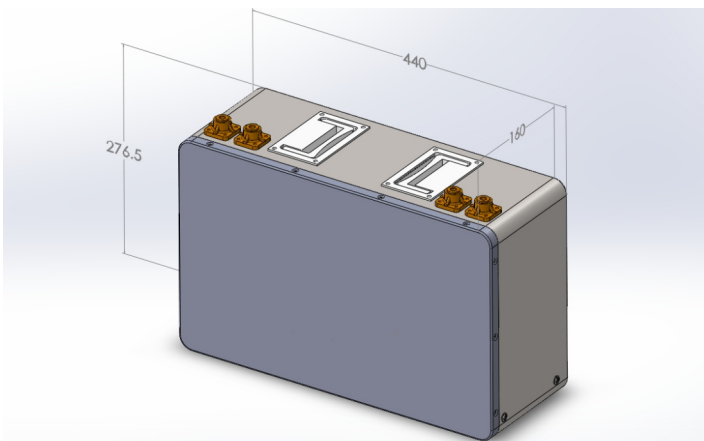
Our B-LFP12-230 model is equipped with the industry's leading LFP battery technology, featuring the safest lithium battery chemistry available today. This makes it an ideal choice for deep-cycle applications.

CHARGE AND DISCHARGE CURVE

12.8V 230Ah Charge-Discharge Curve 0.5C,25C

DIMENSION

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

Battery Model	B-LFP12-230
Nominal Voltage	12.8 V
Typical Capacity	230 Ah
Energy	2944 Wh

Discharge

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

Charge

Voltage	14.4 ± 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 10 A

Operation Temperature

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

Additional Data

Storage Temperature	−20℃ ~ +45℃
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	28.01 Kg
Dimension（L*W*H）	440*276.5*160(±2) mm
Serial-parallel module	1P4S
Cycle	≥3500@ 80%DOD (0.5C，25℃)

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