



B-LFP12-100

A New Era in Energy Storage

**SAFELY RELIABLE, DURABLE
BATTERIES FROM THE NAME
YOU TRUST**

Overview

Challenge your limits and enjoy the freedom that comes with having more usable energy in a lightweight, no-maintenance package that's safe, reliable, and worry-free. BSLBATT has one of the largest LiFePO4 product offerings available that power a range of applications, on and off the grid. Our wide variety of standard and high-performance batteries ensure we have what you need when you need it.

CELL SELECTION

- Proven safest chemistry
- Longest life in its class
- Highest capacity in its class
- China-based cell development
- BSLBATT-specific cell
- UN38.3; CE

BATTERY DESIGN

- Easy replacement for lead-acid
- ABS case, IP54 rating
- Automotive-grade safety protection
- Current sensor, fuse, temp. sensor
- Validated charger compatibility

ELECTRONICS

- Visual SOC gauge
- Microprocessor-based controls
- Bluetooth function
- China-based development

Mixed Fleet Support

- ≥5,000 CYCLES @ 80% DOD
- 12.8V NOMINAL VOLTAGE
- 100Ah CAPACITY

INTELLIGENCE FEATURES

- Microprocessor
- CAN Communications
- SOC Gauge
- Cell Balancing
- Battery Management System

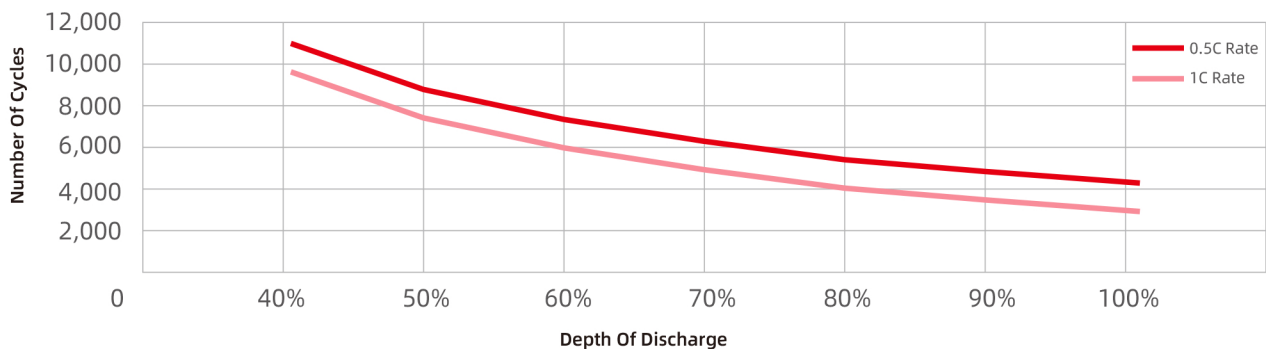
THE BSLBATT ADVANTAGE

- World's leading manufacturer of advanced Lithium modular battery technology
- Worldwide reputation for best return on investment, durability, performance, and quality components
- Outstanding technical and customer service
- Industry leader in health and safety compliance as well as environmental stewardship



Items		Parameter
Battery Model		B-LFP-12-100
Nominal voltage		12.8V
Typical capacity		100±1Ah(At 0.2C discharge rate)
Energy		1280Wh
Discharge	Working current	50A
	Maximum pulse current	100A
	Cut-off voltage	About 10V
Charge	Voltage	14.4±0.1V
	Working current	50A
	Max charging Current	≤100A
	Charge mode	CC/CV , please use special lithium charger
	Charging cutoff current	About 2A
Operation temperature	Charge	0°C ~ +55°C
	Discharge	-20°C ~ +60°C
Storage Temperature		-20°C ~ 60°C
Discharging Inner Resistance		≤ 60mΩ
Protection Function		Overcharge, over-discharge, over-current, short circuit and other protection functions
Output mode		M8 Terminal
Shell material		ABS+PC
Weight		10.5±0.5Kg
Size (L*W*H)		(330*172*215) ±2mm
Cycle		≥5000, SOC≥80% , (0.5C , 25°C)

TO 70% INITIAL CAPACITY



ABOUT BSLBATT

We've been in the battery business over 20 years and have learned how to build on success. Partner with BSLBATT and we'll work closely with you to build on yours. Not just by supplying batteries, but also with unmatched service, training and on-going support. Our product is batteries, but our business is relationships and helping yours succeed.