



LFP

BSLBATT LFP
THE HEIGHT OF
PERFORMANCE



 **SONNY
POWER**

BSLBATT®

A New Era in Energy Storage

B-LFP24-100E 24V 100AH

The LFP 24V 100Ah Energy Storage Systems are a family of 24V battery modules and accessories. The 24V family is designed as a drop-in replacement for similar sized lead-acid batteries offering twice the run-time and nearly half the weight. The 24V series is designed for lower voltage, lower power and longer run-time applications. They are built with LFP Technology that offers outstanding intrinsic safety and excellent float and cycle life resulting in low cost of ownership.

BSL NEW ENERGY delivers safe lithium phosphate energy storage solutions in standard lead-acid battery sizes for a wide variety of applications.

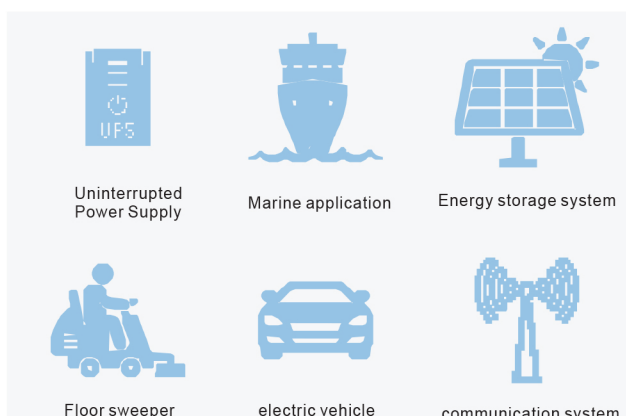
Feature

- Eco-friendly
- Lithium iron phosphate battery(LiFePO4)
- Currently the safest lithium technology
- Excellent resistance to abuse
- Less than 3% self discharging
- Maintenance-free, modular, and light weight
- Up to 60% weight saving
- Battery monitoring storage history
- Built in safety protection
- Quality guaranteed
- 3-5 Years Warranty
- 15-18 Years Designed service life



The picture is only for reference.

Application

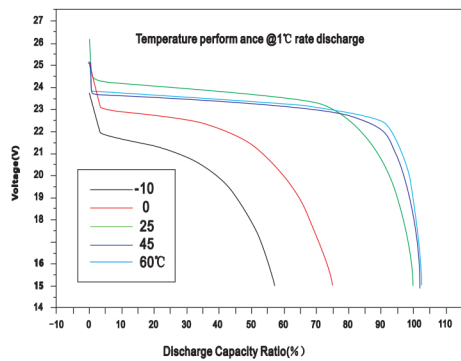
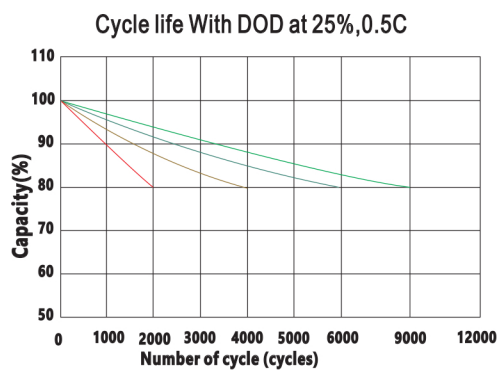
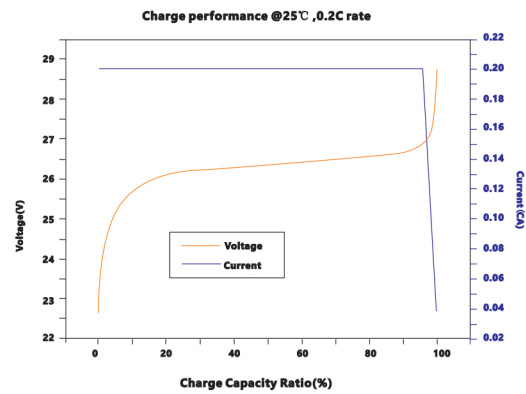
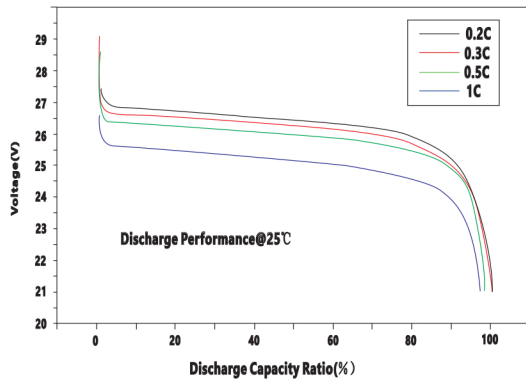


Safe

BSLBATT® batteries are based on Lithium iron battery technology (LiFePO4). This is the safest Lithium technology available today. On top of that our bespoke casing and electronics further increase safety and durability.

Technology

BSLBATT's BATTERIES do not contain lead. LiFePO4 technology is an environmentally friendly way to store energy.



ELECTRICAL SPECIFICATIONS	
Nominal Voltage	25.6 V
Nominal Capacity	100AH
Energy	2560 WH
Efficiency	99%
Self Discharge	<1% per Month

DISCHARGE SPECIFICATIONS	
Max. Continuous Discharge current	100A
Peak Discharge Current	150A
Standard Discharge current	100A
Voltage at end of Discharge	20V

TEMPERATURE SPECIFICATIONS	
Discharge Temperature	(-20~55°C)
Charge Temperature	(0~55°C)
Storage Temperature	(-20~55°C)

MECHANICAL SPECIFICATIONS	
Dimensions (L x W x H)	522*240*218±3 MM
Weight	20.02KG
Case Material	ABS /Iron case
Cell Type	Prismatic
Chemistry	LiFePO4

CHARGE SPECIFICATIONS	
Recommended Charge Current	35A
Maximum Charge Current	75A
Recommended Charge Voltage	25.6V
Charge mode	CC/CV

COMPLIANCE SPECIFICATIONS	
Certifications	CE (battery)
	UN38.3 (battery)
	ROHS 2.0 (Cells)
Shipping Classification	UN 3480, CLASS 9

www.sonnypower.com



Certifications Applicable to the Design and Manufacture of Lithium Iron Phosphate Batteries

When it comes to reliability, our lithium batteries won't let you down. visit www.sonnypower.com or talk to one of our sales representatives.

