



LFP

BSLBATT LFP
THE HEIGHT OF
PERFORMANCE



BSLBATT[®]

A New Era in Energy Storage

B-LFP48-100E 51.2V 100Ah

The LFP 51.2V 100Ah Energy Storage Systems are a family family of 51.2V battery modules and accessories. The 51.2V 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 51.2V 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.

Wisdom Power 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 lightweight
- Up to 60% weight saving
- Battery monitoring storage history
- Built in safety protection
- Quality guaranteed
- 10 Years Warranty
- 15-18 Years Designed service life



Application



Uninterrupted Power Supply



Marine application



Energy storage system



Floor sweeper



electric vehicle



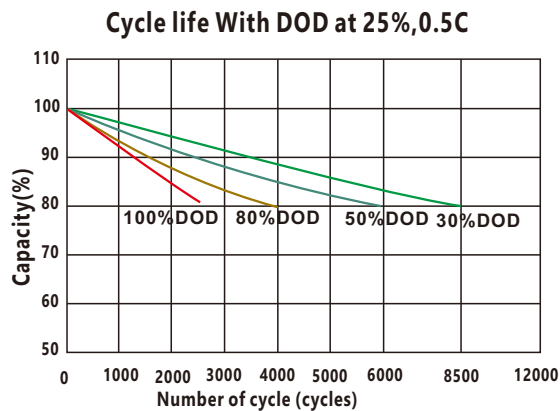
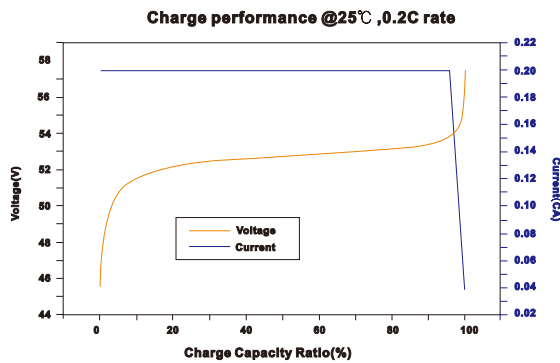
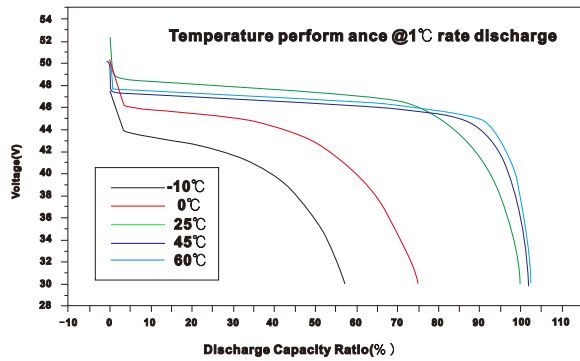
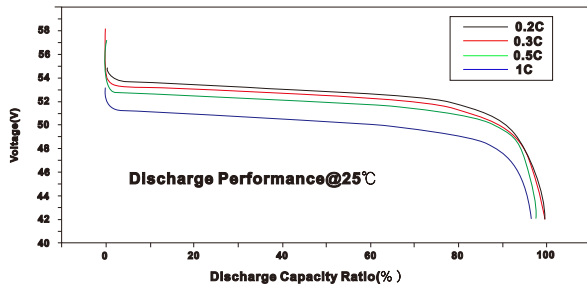
communication system

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 | 51.2V (16S) |
| Nominal Capacity | 100 AH |
| Energy | 5120 WH |
| Efficiency | 99% |
| Self Discharge | <1% per Month |

DISCHARGE SPECIFICATIONS

| | |
|-----------------------------------|--------|
| Max. Continuous Discharge current | 100A |
| Peak Discharge Current | 160A |
| Standard Discharge current | 30A |
| Voltage at end of Discharge | 40-44V |

TEMPERATURE SPECIFICATIONS

| | |
|-----------------------|------------|
| Discharge Temperature | (-20~60°C) |
| Charge Temperature | (0~45°C) |
| Storage Temperature | (-20~55°C) |

MECHANICAL SPECIFICATIONS

| | |
|------------------------|---------------|
| Dimensions (L x W x H) | 442*520*177MM |
| Weight | 50KG |
| Case Material | Steel |
| Cell Type | Prismatic |
| Chemistry | LiFePO4 |

CHARGE SPECIFICATIONS

| | |
|----------------------------|------------|
| Recommended Charge Current | 25A |
| Maximum Charge Current | 50A |
| Recommended Charge Voltage | 57.6-58.4V |
| Charge mode | CC/CV |

COMPLIANCE SPECIFICATIONS

| | |
|-------------------------|------------------|
| Certifications | CE (battery) |
| | UN38.3 (battery) |
| | ROHS2.0 (cells) |
| Shipping Classification | UN 3480, CLASS 9 |

www.lithium-battery-factory.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. Contact your local distributor, visit www.lithium-battery-factory.com or talk to one of our Certified Wisdom Power.

Call International Calls: 0086 0752 2819469

