BSLBATT®
Best Solution Lithium Battery



# B-LFP48-300AWP

## MOBILE ELEVATED WORK PLATFORM

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

## Overview

BSLBATT scissor lift lithium batteries are designed and manufactured in China, compatible with hybrid fleets from brands such as JLG, Genie, Power-Lift, HSS, Hewden, Skyjack, Holland, **Niftylift, and Snorkel. From superior cell and battery design to** intelligent built-in diagnostics, BSLBATT offers a range of advanced safety, environmental, and electronic features that competitors simply don't provide. With an expected lifespan of over 8,000 cycles, BSLBATT batteries deliver an outstanding return on investment.

## CELL SELECTION

- Proven safest chemistry
- Longest life in its class
- Highest capacity in its class
- China-based cell development
- BSLBATT-specific cell
- UN38.3; UL1973; IEC 62133 ; UL2580

## BATTERY DESIGN

- Easy replacement for lead-acid
- Metal case, Ip65 rating
- Automotive-grade safety protection
- Current sensor, fuse, temp. sensor
- Validated charger compatibility

## ELECTRONICS

- Visual SOC gauge
- Microprocessor-based controls
- CAN-communications
- China-based development

## Specifications

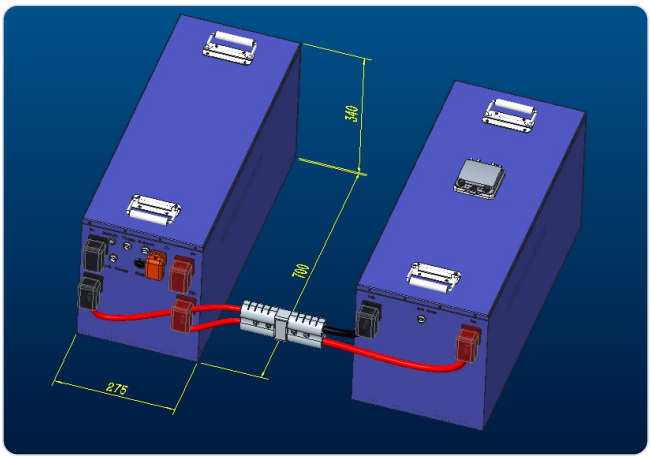
- Model: B-LFP48-300AWP
- Nominal voltage: 51.2V
- Nominal capacity:300AH

## INTELLIGENCE FEATURES

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

## THE BSLBATT ADVANTAGE

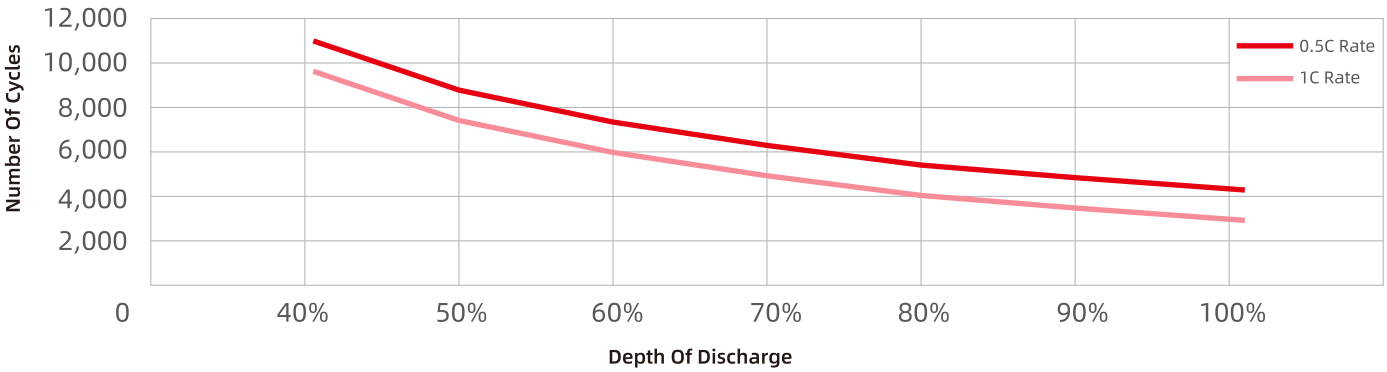
- World's leading manufacturer of advanced Lithium modular battery technology
- Worldwide reputation for best return on investment, durability, performance, and quality components
- Outstanding technical and customer service
- Industry leader in health and safety compliance as well as environmental stewardship



## APPLICATIONS

| Item | | Parameter |
|---|---|---|
| Rated Capacity | | 300Ah |
| Nominal Voltage | | 51.2V |
| Supply Voltage | | 40V ~ 58.4V Single battery:2.5V ~ 3.65V |
| System Capacity | | 15,360 Wh |
| Battery Group Solution | | 8S1P*2 |
| Storage Temperature | | 0℃~+35℃ |
| IP Protection Level | | Battery system IP65 |
| Operating Temperature | Charge | 0℃~+55℃ |
| | Discharge | -20℃~+60℃ |
| Standard Charging Current is Recommended | | ≤100A |
| Maximum Continuous Charging Current | | 150A |
| Maximum pulse charging current (1S) | | 225A |
| Continuous Discharge Current | | 200A |
| Maximum Discharge Current (10S) | | 300A |
| Cycle Life | | ≥4000@ 80%DOD |
| Battery System Weight | | 123Kg |
| Dimension Inches \| mm | | 29.13*10.83*13.39（740*275*340）*2(25.6V/300Ah) |

## TO 70% INITIAL CAPACITY




### ABOUT BSLBATT

We've been in the battery business for 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 you succeed.