



Tiktok



Youtube



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Support your equipments the ultimate power upgrade with
BSLBATT® Lithium-ion batteries.



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PAGE 01

01

Company
Introduction

PAGE 09

02

LiFeP04 For
Golf Carts
LSVs / UTVs

PAGE 11

03

LiFeP04 For
Aerial Work
Platform

PAGE 17

04

LiFeP04 For
Floor
Machine

PAGE 19

05

LiFeP04 For
Marine
Trolling Motor

PAGE 21

06

LiFeP04 For
Rvs / Camper
Trailer

PAGE 27

07

Factory advantage
dealer cooperation

Corporate advantage

Our Mission:
Decarbonizing low-speed vehicles around the world

- BSLBATT is a professional lithium-ion battery manufacturer, including R&D and OEM services for over 18 years. Our products comply with ISO/CE/UL/UN38.3/ROHS/IE standards.
- The company takes the development and production of advanced series "Battery"(best solution lithium battery) as its mission.
- BSLBATT lithium products power various applications, including solar power solutions, microgrids, home energy storage, golf carts, LSVs, RVs, marine, and industrial batteries.
- The company provides a full range of services and high-quality products, continuing to pave the way for a greener and more efficient future of energy storage.



R&D team

The R&D team has more than 60 people, and the CTO has more than 16 years of experience in lithium-ion batteries in the power field; the marketing and after-sales service team has more than 300 people.



Production capacity

3GWh+
About 1,000 sets per day,
30,000-35,000 sets per month



Patents

More than 60 as of June 2024



Description

BSLBATT is committed to providing customers with safe, lightweight and durable green energy products.
Its main product targets are golf carts, low-speed vehicles, boats, trolling motors, RVs, aerial work platforms, floor machine batteries, etc.



Production base

More than 25000m²



Factory Standard

IEC61690, IEC62133
ISO 12405-1:2011
ISO 12405-2:2012
ISO 12405-3:2014



Dealers

As of June 2024, there are more than 60 authorized dealers in 6 continents.



Lead time

4-6 weeks, depends on the quantity and customization requirements.



Export

60+ countries and regions

2011

WISDOM INDUSTRIAL
POWER CO., LIMITED

Now known as
BSLNEW ENERGY
(HONGKONG)
CO.,LIMITED,

2014

First lithium battery factory
in Anhui, China.

Lithium batteries shipped in
bulk, 12V/24V for lead-acid
replacement.

Forklift lithium battery - -
aqueous battery technology.

2018

Established lithium battery factory in Dongguan,
China, with a production area of 6,000 square meters.

Launched the first rack-mounted and wall-mounted
battery models for home energy storage, with over
7,000 units sold overseas.

The first generation of power battery modules has
been developed, and the lithium power business unit
is developing rapidly.

2021

Established HuiZhou BSL NEW ENERGY
TECHNOLOGY CO., LTD.

Established Huizhou lithium battery
manufacturing and production line.

Our products are exported to more than
50 countries, and our quality and service
are recognized

2023

Over 90,000 solar batteries installed in
residential worldwide.

More than 10,000 power batteries are in
operation worldwide.

European office and warehouse opened.

2025

Expected sales to reach
700 million RMB.

Plan to establish a branch and
office in Australia.

2012

Established HUIZHOU
WISDOM POWER
TECHNOLOGY CO., LTD. to
further expand the business
of lead-acid batteries, and
the foreign trade sales
exceeded 100 million RMB.

2017

The Energy Storage Battery Division
is growing rapidly, with product voltages
extending to 48V/51.2V and more
applications, and volume shipments of
lithium batteries for the telecom sector
and UPS.

2020

Became the leading ESS
brand in South Africa.

Became the #3 China lithium battery
brand to be listed by Victron.

2022

2000-square-foot warehouse
and office established in Dallas,
Texas, USA.

Products passed UL1973 / UL2580
/ IEC / Australia CEC and other
international certifications.

2024

- Establish a new automated and modern factory
in Huizhou, with an estimated annual production
capacity of 3GWh.
- Establish a factory in Maanshan, Anhui, with an
estimated annual production capacity of 1GWh.
- Launch a full range of industrial and commercial
energy storage products.
- Establish a warehouse and office in Mexico.
- Establish a Mini factory in Turkey.

2026

Sales are expected to reach
1 billion RMB.

Global employees will increase to
more than 400.

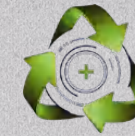
Enterprise qualification

- We have obtained **60** invention patents and a utility model
- **5** software copyright.



Insurance

The BSLBATT product is insured by PICC, which offers global service to our customer.
The people's insurance company of China limited, known as PICC group or just PICC, is a Chinese listed insurer.





Lithium advantages

All of these powerful advantages make BSLBATT LiFePO4 batteries an ideal replacement for traditional lead-acid batteries. Converting your batteries to lithium-ion may require a higher initial investment, but its ongoing savings in energy, equipment, labor, and downtime will significantly reduce your total cost of ownership (TCO).

Why pay more for LiFePO4?

BSLBATT's long-life LiFePO4 batteries reduce the inconvenience and expense of replacements and service calls, and provide peace of mind for many users in demanding applications. Our calculations compare the total cost of ownership of BSLBATT's B-LFP12-100 (12V 100Ah LiFePO4 battery) to three equally sized (BCI Group31) off-the-shelf lead-acid battery technologies. Using measured life taken from each battery's published manufacturer specifications, our analysis shows that BSLBATT's lifetime cost is at least 40% lower than the most cost-effective lead-acid battery.

LiFePO4 Batteries VS Lead-Acid Batteries

LiFePO4

Around **10** years

>4,000 times

Maintenance-**free**

*About **2.5** hours, charge any time

Multiple built-in protections

Eco-friendly

Design life

Cycle life

Maintenance

Charging time/frequency

Safety

Environment effects

3 years

<500 times

Regular maintenance **required**

About **8 to 10** hours, charge after use

Potential **acid spills**

Harmful lead

* Specific models charged in BSLBATT original chargers can achieve 2.5 hours of charging time.

Total cost over life comparison*

COST FACTOR	FLA	AGM	GEL	BSLBATT LiFePO4
PURCHASE COST	\$	\$ \$	\$ \$ +	\$ \$ \$
INSTALLATION COST	\$	\$	\$	\$
MAINTENANCE COST	\$ \$ \$	\$	\$	...
CHARGING COST	\$ \$ \$ \$ \$	\$ \$ \$ \$ \$	\$ \$ \$ \$ \$	\$ \$
REPLACEMENT COST	\$ \$ \$ \$ \$	\$ \$ \$ \$ \$ +	\$ \$ \$ \$ \$	...
REPLACEMENT LABOR	\$ \$ \$	\$ \$ \$ \$	\$ \$ \$	...
NO. OF REPLACEMENTS	■ ■ ■ ■ ■	■ ■ ■ ■ ■ ■ ■ ■	■ ■ ■ ■ ■	...
CYCLE LIFE	↻ ↻ ↻	↻ ↻	↻ ↻ ↻	↻ ↻ ↻ ↻ ↻ +
TOTAL COST OVER LIFE	\$ \$ \$ \$ \$	\$ \$ \$ \$ \$ +	\$ \$ \$ \$ \$	\$ \$

PAGE / 07

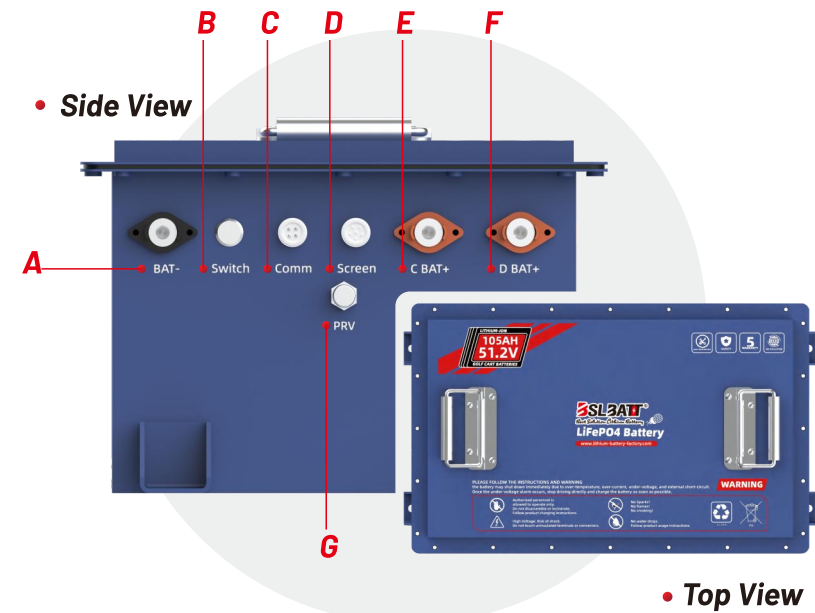
PAGE / 08

Battery performance

Why choose BSL?



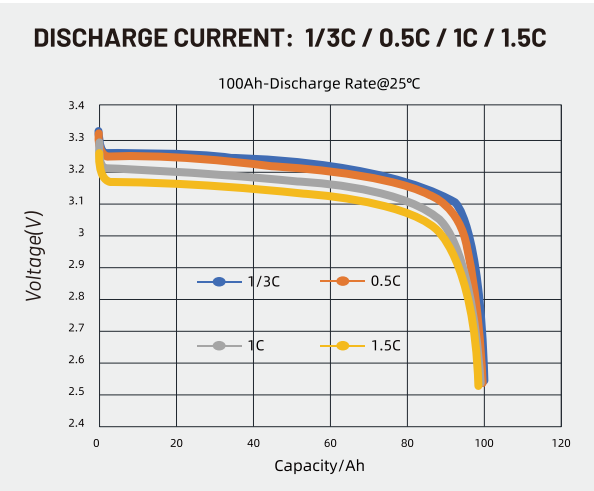
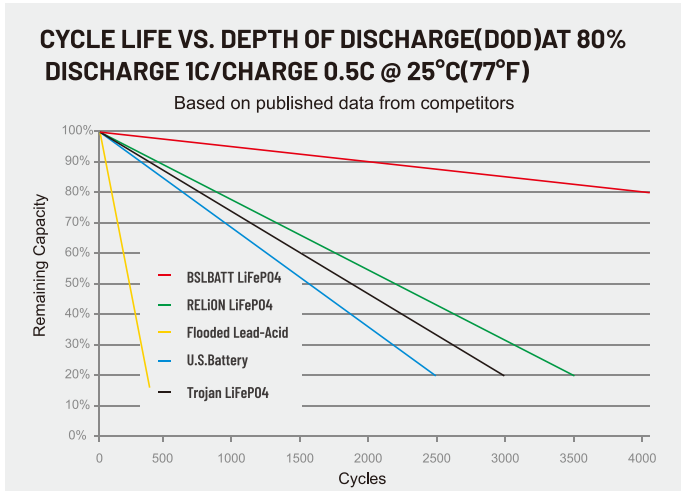
B-LFP48-105GC



- Side View:**
- A. Charge and discharge negative port
 - B. Power switch
 - C. Communication interface
 - D. Display screen interface (SOC)
 - E. Positive charging port (M8)
 - F. Positive discharge port (M8)
 - G. Explosion proof valve

Technical bslbatt lithium curve

BSLBATT Lithium battery has a longer constant stable curve during discharge



Range:Built to go the distance. And then some.

- 60-80 miles on a full charge - 15% more than the competition
- Always see how far you can go with the dashboard battery gauge (optional).

Durability: handles the bumps and jolts of daily life.

- BSLBATT LiFePO4 batteries meet SAE (Society of Automotive Engineers) standards for durability and vibration.

Charging: fast and flexible.

- A full charge takes just 4 hours, compared to 8-10 hours for lead-acid batteries, and charging at any time won't damage the battery.

Safety: 6-layer protection design

- Stable LiFePO4. 6 levels of safety redundancy, 5 internal temperature sensors, and a self-protecting battery monitoring system.

Maintenance: what can we say? there is none.

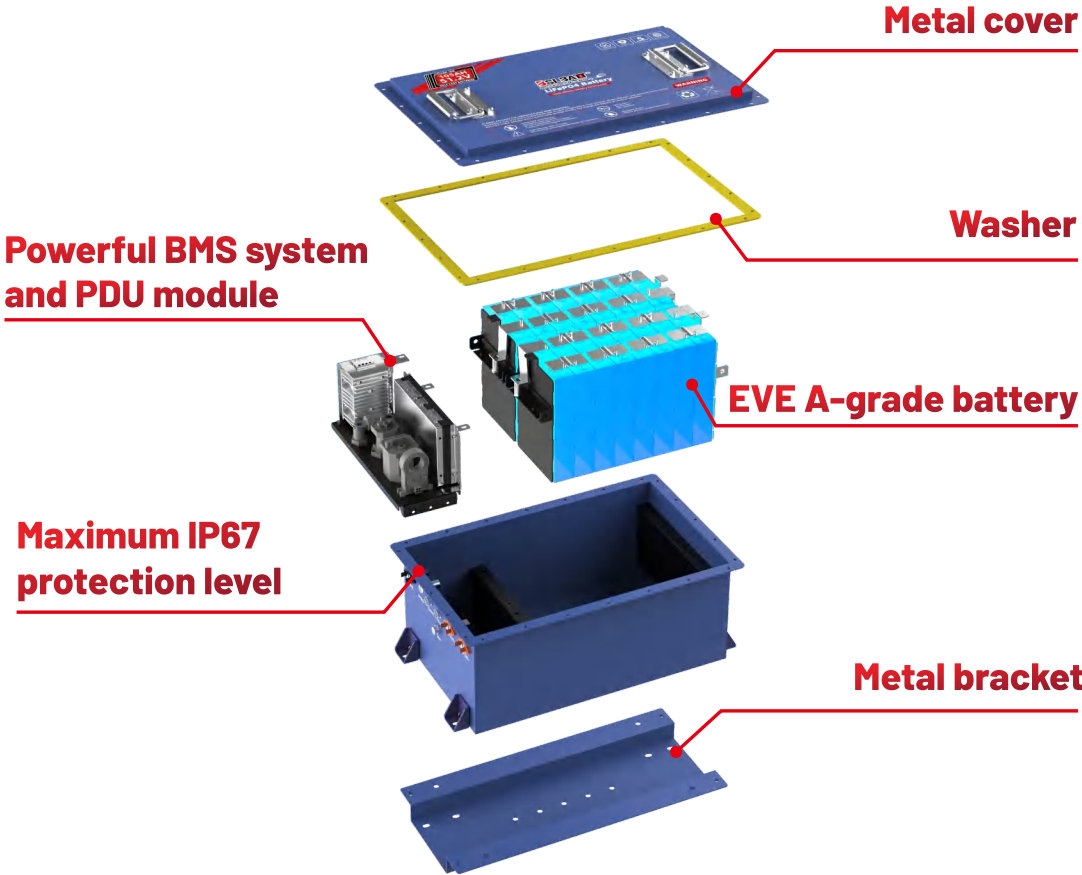
- No watering required. No acid - no corrosion. No acid drips, no charging fumes.

Long-lasting: want no downtime? no problem.

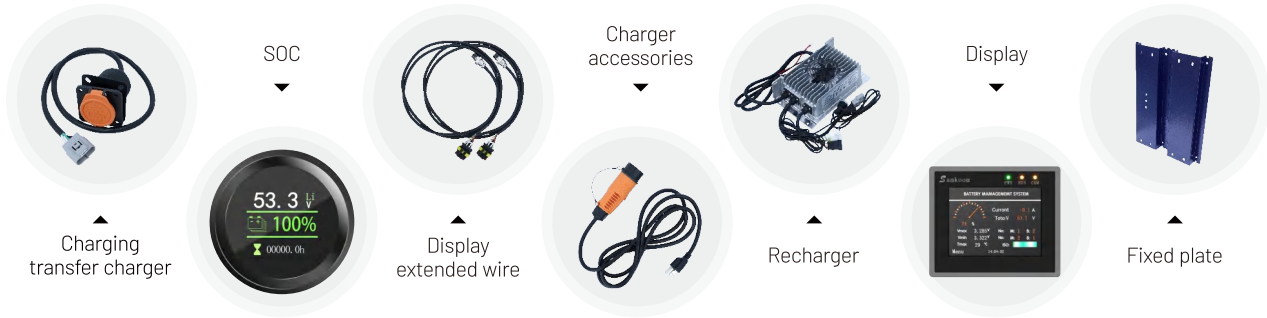
- BSLBATT LiFePO4 batteries have a **12-year** lifespan. Lasts 4-5 times longer than lead-acid batteries and is backed by an industry-leading **5-year** warranty.

LiFePO4 Batteries

Golf Cart Battery Pack Disassembly



Product accessories



Product list [Popular capacity]

Model	Voltage	Capacity (Ah)	LBS (weight)	Maximum discharge 30S	L W H (Inches)	L W H (mm)	Cycle life	Nominal Energy (kWh)	Estimated mileage	Casing Material
B-LFP36-105GC	38.4	105	92.1 lbs (41kg)	250A	17.3*13.1*8.7	440*333*222	≥4000@80%DOD	4.03kWh	30-40 miles 48-64km	Iron
B-LFP36-135GC	38.4	135	114.6 lbs (52kg)	330A	23.2*13.5*8.6	590*344*220	≥4000@80%DOD	5.18kWh	38-51 miles 61-82km	Iron
B-LFP48-52GC	51.2	52	61.7 lbs (28kg)	130A	13*13.1*8.7	330*333*222	≥4000@80%DOD	2.66kWh	20-25 miles 32-40km	Iron
B-LFP48-72GC	51.2	72	75 lbs (34kg)	170A	15*12.6*11	380*320*280	≥4000@80%DOD	3.69kWh	25-35 miles 40-56km	Iron
B-LFP48-105GC	51.2	105	112 lbs (51kg)	250A	21.7*13.1*8.7	550*333*222	≥4000@80%DOD	5.37kWh	40-50 miles 64-80km	Iron
B-LFP48-135GC	51.2	135	163 lbs (74kg)	330A	24*13.1*9.4	610*333*240	≥4000@80%DOD	6.91kWh	50-60 miles 80-97km	Iron
B-LFP48-150GC	51.2	150	178 lbs (81kg)	370A	28.4*16.5*8.7	720*420*222	≥4000@80%DOD	7.68kWh	60-70 miles 97-113km	Iron
B-LFP48-205GC	51.2	205	196 lbs (89kg)	500A	31.5*17.3*10.6	800*440*270	≥4000@80%DOD	10.49kWh	80-90 miles 129-145km	Iron
B-LFP72-105GC	73.6	105	161 lbs (73kg)	370A	28.4*16.5*8.7	720*420*222	≥4000@80%DOD	7.72kWh	50-60 miles 80-97km	Iron
B-LFP72-135GC	73.6	135	187 lbs (85kg)	340A	35*13.1*9.8	890*333*250	≥4000@80%DOD	9.93kWh	60-70 miles 97-113km	Iron
B-LFP72-150GC	73.6	150	234 lbs (106kg)	370A	28.4*21.9*8.7	720*555*222	≥4000@80%DOD	11.04kWh	65-75 miles 104-120km	Iron
B-LFP72-205GC	73.6	205	297 lbs (135kg)	500A	42.1*13.1*11.7	1070*330*298	≥4000@80%DOD	15.08kWh	90-100 miles 145-161km	Iron
B-LFP72-230GC	73.6	230	326 lbs (148kg)	570A	42.1*13.1*11.7	1070*330*298	≥4000@80%DOD	16.92kWh	100-110 miles 160-177km	Iron

Working Temperature Range

Charge 32°F~131°F (0°C ~ 55°C)	Discharge -4°F to 140°F -20°C to 60°C	Customized protection level IP54-IP67
Storage (1 month) -4°F to 140°F -20°C to 60°C	Storage (1 year) 32°F~95°F (0°C~35°C)	

Note: 1. Only authorized professionals can operate or adjust the battery.
2. All data based on BSLBATT standard test procedure (2 passengers) on flat road. Expected mileage may vary depending on actual conditions (steep slopes, number of passengers, temperature).



Compatibility chart

CLUB CAR



DS 36V

Battery Voltage	Parallel
38V 105Ah	Y
48V 72Ah	Y
48V 105Ah	N
48V 135Ah	N
48V 150Ah	N
48V 205Ah	N
72V 105Ah	N
72V 205Ah	N



DS 48V "ALL"

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	N
48V 150Ah	N
48V 205Ah	N
72V 105Ah	N
72V 205Ah	N



VILLAGER 48V

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	N
72V 105Ah	N
72V 205Ah	N



FREEDOM/TXT 36V

Battery Voltage	Parallel
38V 105Ah	Y
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



FREEDOM/TXT 48V

Battery Voltage	Parallel
38V 105Ah	Y
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



FREEDOM/RXV PLASTIC

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



ONWARD

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



PRECEDENT('04-'08)

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



PRECEDENT('08-NEWER)

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	N
48V 150Ah	N
48V 205Ah	N
72V 105Ah	N
72V 205Ah	N



FREEDOM/RXV METAL

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



EXPRESS

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	N
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



MEDALIST

Battery Voltage	Parallel
38V 105Ah	Y
48V 72Ah	N
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	Y
72V 205Ah	Y



TEMPO

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



CARRYALL 2015+ 48V

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



TRANSPORTER 48V

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N

Note: These BSLBATT battery conversions are for carts originally equipped with lead-acid batteries!

Fits and is compatible with Factory Controller and Motor (Drop In)

It will fit and work, but our green recommendations are better options.

Fits but will require upgraded controller and/or motor

Does Not Fit and/or will not work with this cart (Will Require Lots of Modification)

Disclaimer: The above information is only used to illustrate that BSLBATT products are applicable to the products of the above brands in specific cases. It should not be regarded as illegal use of third-party brands and trademarks. You should not infer that BSLBATT has established or has any agency, employment, partnership or joint venture relationship with the above companies.



Compatibility chart

YAMAHA



DRIVE 1/G29[07-10]

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



DRIVE 2011+

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



G1 - G16

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



G19 / G22

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	Y
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N

Compatible Golf Cart brands



OTHERS



ICON EV "ALL"

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	N
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



ADVANCED EV "ALL"

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	N
48V 105Ah	Y
48V 135Ah	Y
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	N
72V 205Ah	N



6 PASSENGERS

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	N
48V 105Ah	N
48V 135Ah	N
48V 150Ah	Y
48V 205Ah	Y
72V 105Ah	Y
72V 205Ah	Y



8 PASSENGERS

Battery Voltage	Parallel
38V 105Ah	N
48V 72Ah	N
48V 105Ah	N
48V 135Ah	N
48V 150Ah	N
48V 205Ah	Y
72V 105Ah	Y
72V 205Ah	Y

Note:These BSLBATT battery conversions are for cartsoriginally equipped with lead-acid batteries!

Fits and is compatible with Factory Controller and Motor (Drop In)

It will fit and work, but our green recommendations are better options.

Fits but will require upgraded controller and/or motor

Does Not Fit and/or will not work with this cart (Will Require Lots ofModification)

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LiFeP04 Batteries

For Aerial Work Platform

Q
Zero maintenance,
reducing labor costs and
employee injuries

**No dedicated
charging
room required**

⏻
Charge at any
time, reducing
downtime

🔋
Save up to 70% in
5 years, designed
life of 12 years



**Best lithium battery solutions for the
following Aerial Work Platform brands**

- JLG Industries • Genie • Skyjack • Haulotte Snorkel
- Taski • Niftylift • Aichi Corporation • Manitou Group
- MEC Aerial Work Platforms • Dingli • Bronto Skylift



Product list [Popular capacity]

Model	Voltage	Capacity (Ah)	Nominal Energy (Wh)	Working Current	PEAK Continuous Current (10s)	L W H MM	L W H Inches	Cycle life	Casing Material
B-LFP24-105AWP	25.6	105	2.68kWh	105A	210A	400*325*222	15.7*12.6*8.4	≥4000@ 80%DOD	Iron
B-LFP24-135AWP	25.6	135	3.45kWh	135A	270A	446*333*222	17.6*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-150AWP	25.6	150	3.84kWh	150A	300A	440*333*222	17.3*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-205AWP	25.6	205	5.25kWh	205A	410A	550*333*222	21.7*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-230AWP	25.6	230	5.88kWh	230A	460A	580*333*260	22.8*13.1*10.2	≥4000@ 80%DOD	Iron
B-LFP24-280AWP	25.6	280	7.16kWh	280A	560A	580*360*290	22.8*14.2*11.4	≥4000@ 80%DOD	Iron
48V Customized Models									
B-LFP48-105AWP	51.2	105	5.37kWh	105A	210A	NA	NA	≥4000@ 80%DOD	Iron
B-LFP48-150AWP	51.2	150	7.68kWh	150A	300A	NA	NA	≥4000@ 80%DOD	Iron
B-LFP48-205AWP	51.2	205	10.49kWh	205A	410A	NA	NA	≥4000@ 80%DOD	Iron
B-LFP48-280AWP	51.2	280	14.3kWh	280A	560A	NA	NA	≥4000@ 80%DOD	Iron
B-LFP48-410AWP	51.2	410	20.9kWh	410A	820A	NA	NA	≥4000@ 80%DOD	Iron

Working Temperature Range

Charge 32°F~131°F (0°C ~ 55°C)	Discharge -4°F~131°F (-20°C ~ 55°C)	Protection level Ip65~Ip67
Storage (1 month) -4°F~131°F (-20°C ~ 55°C)	Storage (1 year) 32°F~95°F (0°C~35°C)	

Application vehicle

Aerial Work Platforms	Aerial Lifts	Arm Lifts
Articulating Booms	Articulating Boom Telescopic Lifts	Boom Lifts
Crane Vehicles	Maintenance Platforms	Mast Booms
Mast Lifts	Mobile Elevated Work Platforms	Mobile Vertical Lifts
Personnel Lifts	Scissor Lifts	Service Platforms
Specialty Lifts	Telescopic Booms	Telescopic Lifts
Towable Booms	Trailer Mounted Lifts	

LiFeP04 Batteries

For Floor Machines



Best lithium battery solutions for the following Floor Machine brands

- Tennant • Nilfisk • Kärcher • Hako • Taski • Advance
- Comac • FIMAP • Viper • PowerBoss



Product list [Popular capacity]

Model	Voltage	Capacity (Ah)	Nominal Energy (kWh)	Working Current	PEAK Continuous Current(10s)	L W H MM	L W H Inches	Cycle life	Casing Material
B-LFP24-105FM	25.6	105	2.68kWh	105A	210A	400*325*222	15.7*12.6*8.4	≥4000@ 80%DOD	Iron
B-LFP24-135FM	25.6	135	3.45kWh	135A	270A	446*333*222	17.6*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-150FM	25.6	150	3.84kWh	150A	300A	440*333*222	17.3*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-205FM	25.6	205	5.25kWh	205A	410A	550*333*222	21.7*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-230FM	25.6	230	5.88kWh	230A	460A	580*333*260	22.8*13.1*10.2	≥4000@ 80%DOD	Iron
B-LFP24-280FM	25.6	280	7.16kWh	280A	560A	580*360*290	22.8*14.2*11.4	≥4000@ 80%DOD	Iron
B-LFP36-105FM	38.4	105	4.03kWh	105A	210A	440*333*222	17.3*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP36-150FM	38.4	150	5.76kWh	150A	300A	600*333*222	23.6*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP36-205FM	38.4	205	7.87kWh	205A	410A	600*350*275	23.6*13.8*10.8	≥4000@ 80%DOD	Iron
B-LFP36-280FM	38.4	280	10.75kWh	280A	560A	600*350*370	23.6*13.8*14.6	≥4000@ 80%DOD	Iron
B-LFP36-410FM	38.4	410	15.74kWh	410A	820A	800*380*320	31.5*15*12.6	≥4000@ 80%DOD	Iron

Working Temperature Range

Charge	Discharge	Protection level
32°F~131°F (0°C ~ 55°C)	-4°F~131°F (-20°C ~ 55°C)	Ip65
Storage (1 month)	Storage (1 year)	
-4°F~131°F (-20°C ~ 55°C)	32°F~95°F (0°C~35°C)	

Application vehicle

Floor Scrubbers	Floor Buffers
Sweepers - Ride On / Stand On / Walk Behind	Scrubber / Dryers - Ride On / Stand On / Walk Behind
Carpet Extractors	Floor Burnishers
Scrubber / Burnishers	Floor Polishers
Floor Machines	

Replacement for Lead Acid,GEL or AGM in LFP Battery Solutions

12V/24V/36V/48V



Drop-in
Replacement



Tier One, A+ LiFePO4
Cell Composition



5 Years Warranty
Guarantee



Smart Hardware &
Software Design



Long Service Life



Eco-Friendly



Product list [Popular capacity]

Model	Voltage	Capacity (Ah)	Nominal Energy (Wh)	Weight LBS (KG)	Working Current	PEAK Continuous Current (10s)	L W H MM	L W H Inches	Cycle life	Casing Material
B-LFP12-20	12.8	20	256Wh	4.4 lbs 2 kg	20A	40A	181*77*170	7.1*3*6.7	≥1500@ 80%DOD	ABS
B-LFP12-50	12.8	50	640Wh	11.5 lbs 5.2 kg	50A	100A	198*165*175	7.8*6.5*6.9	≥3500@ 80%DOD	ABS
B-LFP12-100	12.8	100	1280Wh	23.1 lbs 10.5 kg	100A	200A	330*172*215	13.0*6.8*8.5	≥3500@ 80%DOD	ABS
B-LFP12-200	12.8	200	2560Wh	41.9 lbs 19 kg	200A	400A	483*170*240	19.0*6.7*9.4	≥3500@ 80%DOD	ABS
B-LFP12-300	12.8	300	3840Wh	55.1 lbs 25 kg	300A	600A	532*207*215	20.9*8.2*8.5	≥3500@ 80%DOD	ABS
B-LFP24-50	25.6	50	1280Wh	20.9 lbs 9.5 kg	50A	100A	260*168*209	10.2*6.6*8.2	≥3500@ 80%DOD	ABS
B-LFP24-100	25.6	100	2560Wh	41.9 lbs 19kg	100A	200A	483*170*240	19.0*6.7*9.4	≥3500@ 80%DOD	ABS
B-LFP24-150	25.6	150	3840Wh	55 lbs 25kg	150A	300A	522*240*218	20.6*9.4*8.6	≥3500@ 80%DOD	ABS
B-LFP24-200	25.6	200	5120Wh	81.6 lbs 37 kg	200A	400A	520*269*220	20.5*10.6*8.7	≥3500@ 80%DOD	ABS
B-LFP36-67	38.4	67	2573Wh	39.2 lbs 17.8 kg	80A	150A	483*170*240	19.0*6.7*9.4	≥3500@ 80%DOD	ABS
B-LFP36-100	38.4	100	3840Wh	62.8 lbs 28.5 kg	100A	200A	522*240*218	20.6*9.4*8.6	≥3500@ 80%DOD	ABS
B-LFP48-67	51.2	67	3430Wh	51.7 lbs 23.5 kg	80A	150A	522*240*218	20.6*9.4*8.6	≥3500@ 80%DOD	ABS

Working Temperature Range

Charge	Discharge	Protection level
32°F~131°F (0°C ~ 55°C)	-4°F~131°F (-20°C ~ 55°C)	Ip54
Storage (1 month)	Storage (1 year)	
-4°F~131°F (-20°C ~ 55°C)	32°F~95°F (0°C~35°C)	

- 1. All images are for reference only, and the data is based on BSLBATT standard test procedures and peer data.
- 2. Actual performance may vary due to local conditions. Only authorized personnel are allowed to operate or adjust the battery.

LiFePO4 Batteries

For Marine



Safely reliable,durable batteries from the name you trust



Designed for Marine/Trolling Motor /UPS/Lawn Mover/Fish Finder/ Boats

Model	Voltage	Capacity (Ah)	Nominal Energy (Wh)	Working Current	PEAK Continuous Current (10s)	L W H Inches	L W H MM	Cycle life	Casing Material
B-LFP12-50	12.8	50	0.64kWh	50A	100A	198*165*175	7.8*6.5*6.9	≥4000@ 80%DOD	ABS
B-LFP12-100	12.8	100	1.28kWh	100A	200A	330*172*215	13.0*6.8*8.5	≥4000@ 80%DOD	ABS
B-LFP24-52	25.6	52	1.33kWh	50A	100A	260*168*209	10.2*6.6*8.2	≥4000@ 80%DOD	ABS
B-LFP24-67	25.6	67	1.71kWh	60A	120A	260*168*209	10.2*6.6*8.2	≥4000@ 80%DOD	ABS
B-LFP24-100M	25.6	100	2.56kWh	100A	210A	436*325*215	17.2*12.8*8.5	≥4000@ 80%DOD	Iron
B-LFP24-135M	25.6	135	3.43kWh	135A	270A	446*333*222	17.6*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-150M	25.6	150	3.84kWh	150A	300A	440*333*222	17.3*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-205M	25.6	205	5.25kWh	205A	410A	550*333*222	21.7*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-230M	25.6	230	5.88kWh	230A	460A	550*333*222	21.7*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP24-268M	25.6	268	6.86kWh	260A	520A	515*343*222	20.2*13.5*8.7	≥4000@ 80%DOD	Iron
B-LFP24-280M	25.6	280	7.16kWh	280A	560A	450*360*290	17.7*14.2*11.4	≥4000@ 80%DOD	Iron
B-LFP36-105M	38.4	105	4.03kWh	105A	210A	440*333*222	17.3*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP36-150M	38.4	150	5.76kWh	150A	300A	600*333*222	23.6*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP36-205M	38.4	205	7.87kWh	205A	410A	810*333*222	31.9*13.1*8.7	≥4000@ 80%DOD	Iron
B-LFP36-280M	38.4	280	10.75kWh	280A	560A	580*380*320	22.8*15*12.6	≥4000@ 80%DOD	Iron
B-LFP36-410M	38.4	410	15.74kWh	410A	820A	800*380*320	31.5*15*12.6	≥4000@ 80%DOD	Iron

Working Temperature Range

Charge	Discharge	Protection level
32°F~131°F (0°C ~ 55°C)	-4°F to 140°F -20°C to 60°C	ASB:IP54 Iron:IP65
Storage (1 month)	Storage (1 year)	
-4°F to 140°F -20°C to 60°C	32°F~95°F (0°C~35°C)	

Note:
1. All images are for reference only, and the data is based on BSLBATT standard test procedures and peer data.
2. Actual performance may vary due to local conditions. Only authorized personnel are allowed to operate or adjust the battery.

LiFePO4 Batteries

For RV, Trailer & Camper



Safely reliable,durable batteries
from the name you trust



Product list [Ultra-thin series]

Model	VOLTAGE	AH	MIN @25A	CONTINUOUS (A)	PEAK (A)	ENERGY (WH)	DIMENSIONS INCHES (MM)			WEIGHT LBS (KG)	TERMINAL TYPE	CASE MATERIAL
							LENGTH	WIDTH	HEIGHT			
B-LFP12-100S	12.8	100	240	200	300	1280	10.6 (270)	23.6 (600)	2.6 (65)	33.1 (15)	M8	Iron
B-LFP12-200S	12.8	200	480	200	300	2560	10.8 (275)	33.5 (850)	2.8 (70)	61.7 (28)	M8	Iron

Specification

Model Number	B-LFP12-100S	B-LFP12-200S
Voltage Range(V)	9.2~14.6	9.2~14.6
Cel	3.2V100Ah	3.2V200Ah
Cell Series & Parallels	4S1P	4S1P
Rated Voltage (V)	12.8	12.8
Rated Capacity(Ah)	100	200
Rated Energy (Kwh)	1.28	2.56
Maximum Charge Current (A)	100	200
Maximum Discharge Current (A)	200	200
Pulse Current(A)(5s)	300	300
Recommended Discharge Voltage (V)	11.2	11.2
Life cycle (@25 0.5C/0.25C,80%DOD)	Approx. 4000	Approx. 4000
Short-circuit Current (< 10ms)	Approx. 1200A	Approx. 2500A
Dimension(W*D*H)	270*600*65 MM	275*850*70 MM
Total Weight (kg)	Approx. 15	Approx. 28
Internal Resistance Fully Charged @25C	10m Ohms	≤5m Ohms
Thermal Management	Nature Cooling	Nature Cooling
Operating Temperature Charge	50℃	0~50℃
Operating Temperature Discharge	-20~65℃	-20~65℃
Operating Humidity	60 ± 25% R.H.	60 ± 25% R.H.
Recommended Discharge Voltage (V)	13.6~13.8	13.6~13.8

Factory advantage

- Organization And Environment
- Related Party Needs And Expectations
- Customer Requirements



3-4 Weeks times

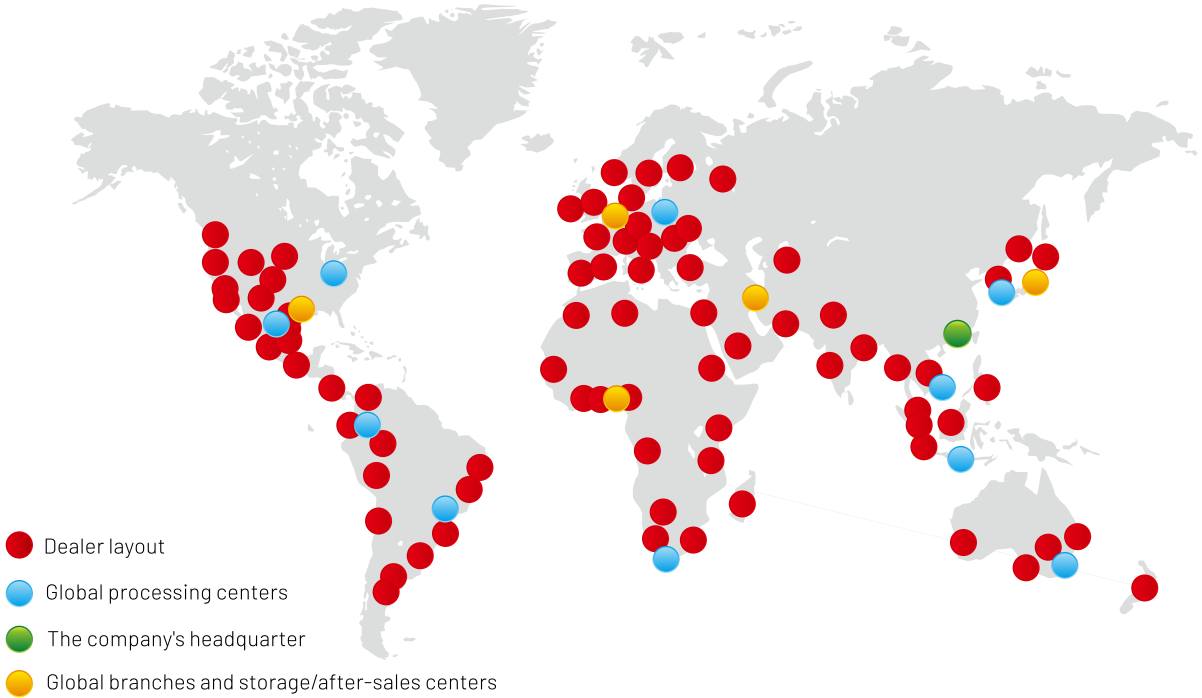
The average build time for customized Lithium batteries and battery Management
Software ranges from 4 - 6 weeks
Depending on the vehicle quantity
And customization.

Confirm order	2 DAYS	✓
R&d drawing	5 DAYS	✓
Customer confirmation	3 DAYS	✓
Supplier production	5 DAYS	✓
Factory production	10 DAYS	✓

Distribution cooperation

Brand center

- Build an international and reputable brand for lithium batteries.
- Bslbatt invites famous designers to invest heavily in brand building and promotion and design international brand image.



Dealer support

Authorized dealers of BSLBATT lithium battery in world

Financial Support

Return in the end of the year if acheive annual sales target.
Co-organized exhibitions and exchanges by customers (the cost may be split 50/50)

Provide technical support

Provide technical training / product training / After-sales the training to dealer team.

Sales Material Support

Cataloges, Videos, Picture Material, Shirt with BSLBATT logo, Etc.

Potential Customers Sources

Provide and transfer some inquiries or potential customer information to dealer directly.

Quick-wear Part Back up Support

Provide some quick-wear part for back up to meet some emergency after sales.

Agency Mode (service and support for agents)

We offer price protection to regional dealers