



Tiktok



Youtube



Website

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



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Golf Carts
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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 acttory
in Anhui, China.

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

Forklift lithium battery --
aqueous battery echnology.

2018

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

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

The first geneation of power batttery modu s 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 expored 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 arehouse opened.

2025

Expected sales to reach
700 million RMB.

Plan to establish a branch and
office i Australia.

2012

Established HUIZHOU
WISDOM POWER
TECHNOLOGY CO., LTD. to
further ex and 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 Mexi .
- Establish a Mini factory inTurkey.

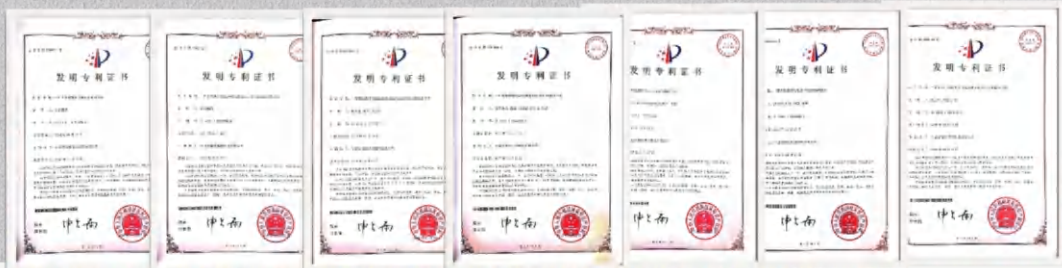
2026

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

Lead-Acid

3 years

<500 times

Regular maintenance **required**

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

Potential **acid spills**

Harmful lead

Design life

Cycle life

Maintenance

Charging time/frequency

Safety

Environment effects

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

Total cost over life comparison

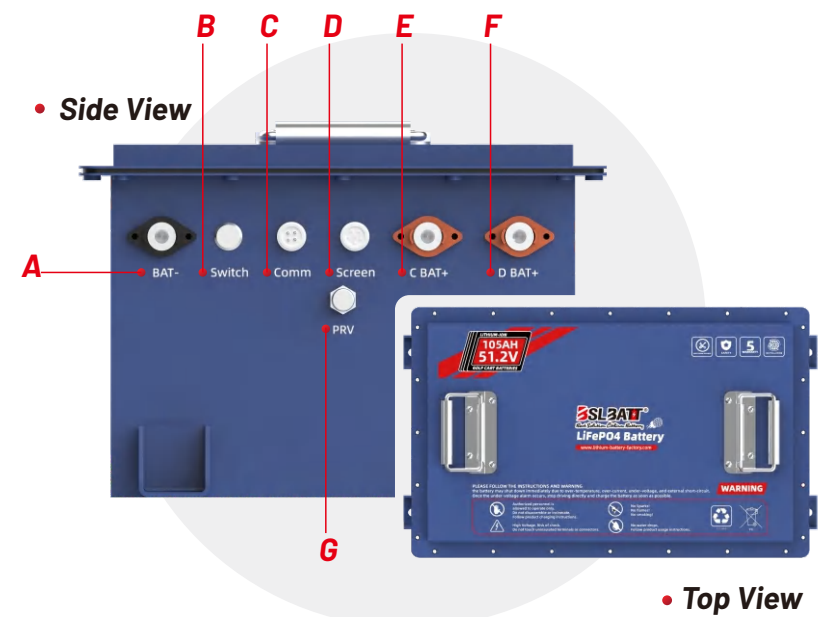
COST FACTOR	FLA	AGM	GEL	BSLBATT LiFePO4
PURCHASE COST	\$	\$ \$	\$ \$ +	\$ \$ \$
INSTALLATION COST	\$	\$	\$	\$
MAINTENANCE COST	\$ \$ \$	\$	\$	...
CHARGING COST	\$ \$ \$ \$ \$	\$ \$ \$ \$ \$	\$ \$ \$ \$ \$	\$ \$
REPLACEMENT COST	\$ \$ \$ \$ \$	\$ \$ \$ \$ \$ +	\$ \$ \$ \$ \$	...
REPLACEMENT LABOR	\$ \$ \$	\$ \$ \$ \$	\$ \$ \$	...
NO. OF REPLACEMENTS	6	10	6	...
CYCLE LIFE	3	3	3	4
TOTAL COST OVER LIFE	\$ \$ \$ \$ \$	\$ \$ \$ \$ \$ +	\$ \$ \$ \$ \$	\$ \$

Battery performance

Why choose BSL?



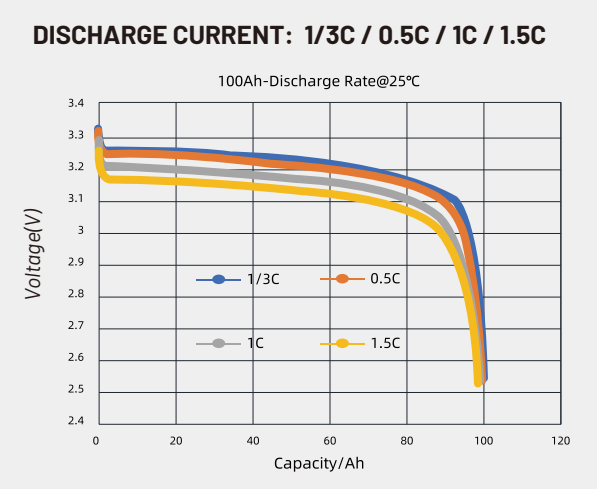
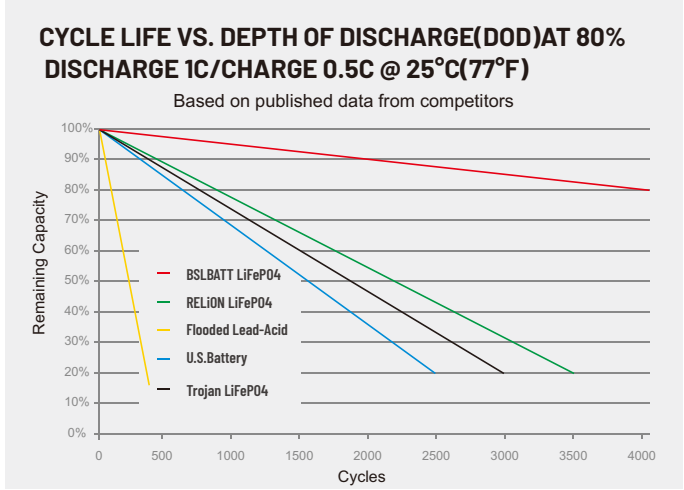
B-LFP48-105GC



- 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.

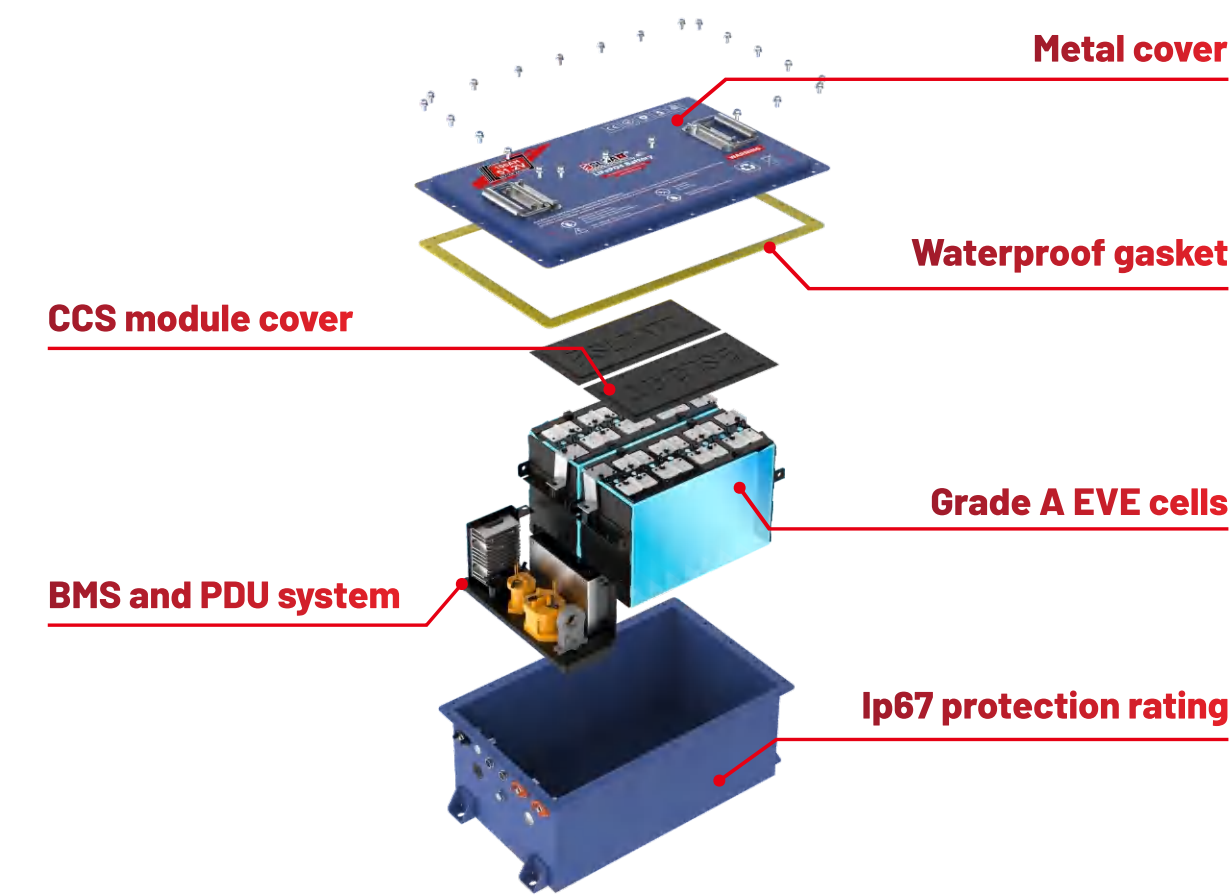
- No watering required. No acid - no corrosion. No acid drips, no charging fumes.

Long-lasting: want no downtime? no problem.

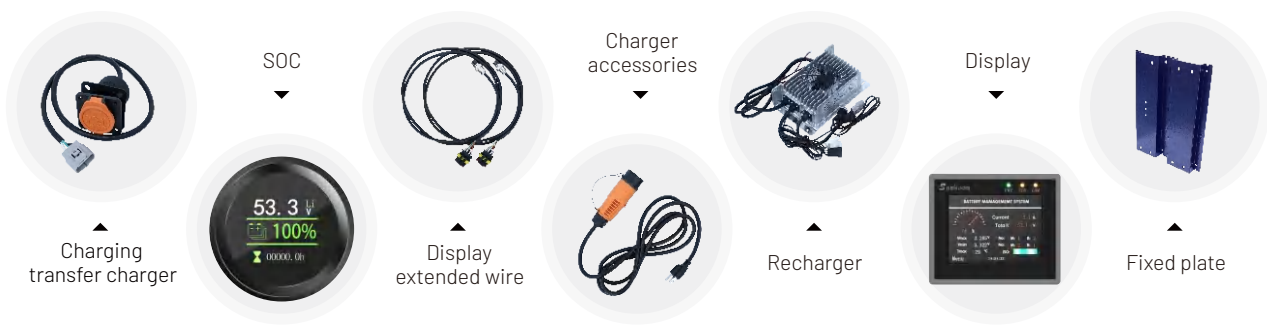
- BSLBATT LiFePO4 batteries have a **12-year lifespan**. Lasts **4-5 times longer** than lead-acid batteries and is backed by an industry-leading **5-year warranty**.

LiFeP04 Batteries

Golf Cart Battery Pack Disassembly



Product accessories



Product list [Popular capacity]

Model	Voltage	Capacity (Ah)	Weight lbs (kg)	Maximum continuous discharge (A)	Maximum pulse discharge (30S)	Maximum instantaneous discharge (2S)	Nominal Energy (wh)	L W H (Inches)	L W H (mm)	Cycle life	Estimated mileage	Solution
B-LFP36-72GC	38.4	72	63 lbs (29kg)	72	100	150	2765	16.93*15.12*8.07	430*384*205	≥4500@80%DOD	21-27 miles (33-44 km)	MOS
B-LFP36-105GC	38.4	105	92 lbs (41kg)	105	150	210	4032	19.21*12.99*8.98	488*330*228	≥4500@80%DOD	30-40 miles (48-64 km)	MOS
B-LFP36-105GC	38.4	105	92 lbs (41kg)	105	210	315	4032	20.47*12.99*10.04	520*330*255	≥4500@80%DOD	30-40 miles (48-64 km)	Relay
B-LFP36-168GC	38.4	168	141 lbs (64kg)	168	336	470	6451	26.38*13.39*10.04	670*340*255	≥4500@80%DOD	48-64 miles (77-103 km)	Relay
B-LFP36-205GC	38.4	205	159 lbs (72kg)	205	410	615	7872	25.20*16.54*10.04	640*420*255	≥4500@80%DOD	59-78 miles (94-126 km)	Relay
B-LFP48-72GC	51.2	72	86 lbs (39kg)	72	100	150	3686	19.69*15.12*8.07	500*384*205	≥4500@80%DOD	30-42 miles (48-67 km)	MOS
B-LFP48-105GC	51.2	105	114 lbs (52kg)	105	150	210	5376	23.03*12.99*8.98	585*330*228	≥4500@80%DOD	40-50 miles (64-80 km)	MOS
B-LFP48-105GC	51.2	105	114 lbs (52kg)	105	210	315	5376	23.62*12.99*10.04	600*330*255	≥4500@80%DOD	50-60 miles (80-97 km)	Relay
B-LFP48-127GC	51.2	127	134 lbs (61kg)	127	254	381	6502	26 * 15.7 * 10	660*400*255	≥4500@80%DOD	60-70 miles (96-112 km)	Relay
B-LFP48-168GC	51.2	168	180 lbs (82kg)	168	336	470	8602	26.38*15.16*10.04	670*385*255	≥4500@80%DOD	75-86 miles (121-138 km)	Relay
B-LFP48-205GC	51.2	205	202 lbs (92kg)	200	410	615	10496	29.92*16.54*10.04	760*420*255	≥4500@80%DOD	80-90 miles (129-145 km)	Relay
B-LFP48-230GC	51.2	230	227 lbs (103kg)	200	410	615	11776	29.92*16.54*10.04	760*420*255	≥4500@80%DOD	90-100 miles (145-161 km)	Relay
B-LFP48-305GC	51.2	305	286 lbs (130kg)	200	410	615	15616	35.04*16.54*10.04	890*420*255	≥4500@80%DOD	120-130 miles (193-209 km)	Relay
B-LFP72-72GC	73.6	72	99 lbs (45kg)	72	100	150	5299	23.62*18.11*8.07	600*460*205	≥4500@80%DOD	27-40 miles (43-64 km)	MOS
B-LFP72-105GC	73.6	105	161 lbs (73kg)	105	210	315	7728	28.35*16.06*8.98	720*408*228	≥4500@80%DOD	50-60 miles (80-97 km)	Relay
B-LFP72-168GC	73.6	168	260 lbs (118kg)	168	336	470	12365	35.43*16.06*9.25	900*408*235	≥4500@80%DOD	85-100 miles (137-161 km)	Relay
B-LFP72-205GC	73.6	205	297 lbs (135kg)	200	410	615	15088	40.35*17.72*9.25	1025*450*235	≥4500@80%DOD	90-100 miles (145-161 km)	Relay
B-LFP72-230GC	73.6	230	332 lbs (151kg)	200	410	615	16928	40.35*17.72*9.25	1025*450*235	≥4500@80%DOD	100-110 miles (161-177 km)	Relay

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)	CasingMaterial Iron

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	Y
48V 205Ah	Y
72V 105Ah	Y
72V 205Ah	Y

NUMBER OF PASSENGERS

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

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

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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 (A)	PEAK Continuous Current (10s)	L W H MM	L W H Inches	Weight LBS (KG)	Cycle life	Solution
B-LFP24-72AWP	25.6	72	1843	72	150	440*234*205	17.32*9.21*8.07	53 lbs (24 kg)	≥4500@80%DOD	MOS
B-LFP24-105AWP	25.6	105	2688	105	250	370*330*228	14.57*12.99*8.98	84 lbs (38 kg)	≥4500@80%DOD	MOS
B-LFP24-105AWP	25.6	105	2688	105	250	390*330*228	15.35*12.99*8.98	84 lbs (38 kg)	≥4500@80%DOD	Relay
B-LFP24-168AWP	25.6	168	4301	168	300	520*350*235	20.47*13.78*9.25	121 lbs (55 kg)	≥4500@80%DOD	Relay
B-LFP24-205AWP	25.6	205	5248	200	300	540*330*235	21.26*12.99*9.25	139 lbs (63 kg)	≥4500@80%DOD	Relay
B-LFP24-230AWP	25.6	230	5888	200	300	540*330*235	21.26*12.99*9.25	146 lbs (66 kg)	≥4500@80%DOD	Relay
B-LFP48-72AWP	51.2	72	3686	72	150	500*384*205	19.69*15.12*8.07	86 lbs (39 kg)	≥4500@80%DOD	MOS
B-LFP48-105AWP	51.2	105	5376	105	250	600*330*255	23.62*12.99*10.04	114 lbs (52 kg)	≥4500@80%DOD	Relay
B-LFP48-168AWP	51.2	168	8602	168	300	670*385*255	26.38*15.16*10.04	180 lbs (82 kg)	≥4500@80%DOD	Relay
B-LFP48-205AWP	51.2	205	10496	200	300	760*420*255	29.92*16.54*10.04	202 lbs (92 kg)	≥4500@80%DOD	Relay
B-LFP48-230AWP	51.2	230	11776	200	300	760*420*255	29.92*16.54*10.04	227 lbs (103 kg)	≥4500@80%DOD	Relay
B-LFP48-300AWP	51.2	300	15360	200	300	700*275*340	27.56*10.83*13.39	286 lbs (130 kg)	≥4500@80%DOD	Relay
B-LFP48-410AWP	51.2	410	20992	200	300	700*420*280	27.56*16.54*11.02	385 lbs (175 kg)	≥4500@80%DOD	Relay
B-LFP72-205AWP	73.6	205	15088	200	300	Customize	/	297 lbs (135 kg)	≥4500@80%DOD	Relay
B-LFP72-230AWP	73.6	230	16928	200	300	Customize	/	332 lbs (151 kg)	≥4500@80%DOD	Relay
B-LFP72-280AWP	73.6	280	20608	200	300	Customize	/	392 lbs (178 kg)	≥4500@80%DOD	Relay

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)	CasingMaterial Iron

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 (Wh)	Working Current (A)	PEAK Continuous Current (10s)	L W H MM	L W H Inches	Weight LBS (KG)	Cycle life	Solution
B-LFP24-72FM	25.6	72	1843	36	144	440*234*205	17.3*9.2*8.1	25kg	≥4500@80%DOD	MOS
B-LFP24-105FM	25.6	105	2688	52.5	150	370*330*228	14.57*12.99*8.98	38kg	≥4500@80%DOD	MOS
B-LFP24-150FM	25.6	150	3840	75	150	530*320*198	23.23*12.60*7.80	50kg	≥4500@80%DOD	MOS
B-LFP24-205FM	25.6	205	5248	102	205	540*330*235	21.3*13.0*9.3	63kg	≥4500@80%DOD	MOS
B-LFP24-230FM	25.6	230	5888	150	230	540*330*235	21.3*13.0*9.3	66kg	≥4500@80%DOD	MOS
B-LFP36-72FM	38.4	72	2765	36	144	370*384*205	14.6*15.1*8.1	30kg	≥4500@80%DOD	MOS
B-LFP36-105FM	38.4	105	4032	52.5	150	428*330*228	16.85*12.99*8.98	55kg	≥4500@80%DOD	MOS
B-LFP36-150FM	38.4	150	5760	75	150	600*420*198	23.62*16.54*7.80	67kg	≥4500@80%DOD	MOS
B-LFP36-205FM	38.4	205	7872	102	205	580*420*235	22.8*16.5*9.3	81kg	≥4500@80%DOD	MOS

Working Temperature Range

Charge 32°F~131°F (0°C ~ 55°C)	Discharge -4°F~131°F (-20°C ~ 55°C)	Protection level IP65
Storage (1 month) -4°F~131°F (-20°C ~ 55°C)	Storage (1 year) 32°F~95°F (0°C~35°C)	Casing Material Iron

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



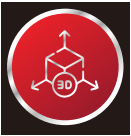
Drop-in
Replacement



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)	Working Current (A)	PEAK Continuous Current (10s)	L W H MM	L W H Inches	Weight LBS (KG)	Cycle life
B-LFP12-100	12.8	100	1.28	50	100	339.7*184.9*218.5	13.37*7.28*8.60	12kg	≥3500@80%DOD
B-LFP12-200	12.8	200	2.56	100	200	502*186*238.5	19.76*7.32*9.39	20kg	≥3500@80%DOD
B-LFP12-300	12.8	304	3.8912	150	300	368*188*245	14.49*7.40*9.65	26kg	≥3500@80%DOD
B-LFP12-460	12.8	460	4.8912	230	460	522*269*221	20.55*10.59*8.70	41kg	≥3500@80%DOD
B-LFP24-50	25.6	52	1.3312	25	50	329*172*219.9	12.95*6.77*8.66	15kg	≥3500@80%DOD
B-LFP24-100	25.6	100	2.56	50	100	521*243*222.3	20.51* 9.57*8.75	21kg	≥3500@80%DOD
B-LFP24-150	25.6	150	3.84	75	150	521*243*222.3	20.51*9.57*8.75	28kg	≥3500@80%DOD
B-LFP24-200	25.6	206	5.2736	100	200	520*268*219	20.47*10.55*8.62	38kg	≥3500@80%DOD
B-LFP36-100	38.4	100	3.84	50	200	520*268*219	20.47*10.55*8.62	31kg	≥3500@80%DOD
B-LFP48-100	51.2	100	5.12	100	200	521*267*240	20.51*10.51*9.45	39kg	≥3500@80%DOD

Working Temperature Range •

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

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 MM	L W H Inches	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*18.2	≥4000@ 80%DOD	ABS
B-LFP24-67	25.6	67	1.71kWh	60A	120A	260*168*209	10.2*6.6*18.2	≥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:
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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	Capacity (Ah)	Nominal Energy (Wh)	Working Current (A)	PEAK Continuous Current (10s)	L W H MM	L W H Inches	Weight LBS (KG)	Terminal Type	Cycle life
B-LFP12-100S	12.8	100	1.28	50	100	600*270*65	23.62*10.63*2.56	15kg	M8	≥4000@80%DOD
B-LFP12-200S	12.8	200	2.56	100	200	850*275*70	33.46*10.83*2.76	28kg	M8	≥4000@80%DOD

Specification

Model Number	B-LFP12-100S	B-LFP12-200S
Voltage Range (V)	9.2~14.6	9.2~14.6
Cell	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

Motive Power Energy Transformation Enabler

- Your partner in powering the future. BSLBATT is your reliable powertrain battery supplier, offering customized OEM solutions, technical training, and 24/7 global support.

 Huizhou Factory



 Floor Area
20000 m²

 Number of Employees
300+

 Delivered Capacity
2 Gwh



Focus

Focus on motive power battery systems, rich product lines and compatible service experience.

Reliable

Carrier-level product quality, all passed national/industry standard testing and certification.

Innovation

Follow user demand orientation, constantly review product value, and continue to invest in technology.

