



[www.bsl-battery.com](http://www.bsl-battery.com)



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*Blue the sky*

*Green the land*

*Power your life*

**Best  
Solution  
Lithium  
Battery**







## Product Introduction

To create more stable, durable and efficient power solution, Wisdom Power develops and produces advanced series “BSLBATT” (Best Solution Lithium Battery). LiFePO4 Battery offers state of the art technology Lithium Iron Phosphate-the safest and most robust lithium chemistry.

Lithium battery has an integrated BMS (Battery Management System) Our lithium battery will provide you with 100% depth of discharge for over 2000 cycles. After 2000 cycles, the battery will still have at least 70% of its rated capacity.

The “BSLBATT” is perfect for Solar, Telecom, Wind, Electric Vehicle, Marine RV and any other deep cycle applications.

### Complied Standards

- CE: EMC - EN61000-6-3
- IEC 62133
- IEC 61960 (ed2.0)
- IEC 62281
- UN38.3





# LiFeP04 Battery for Reserving Energy

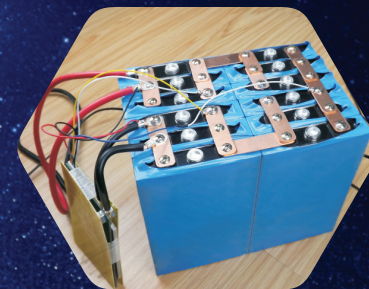
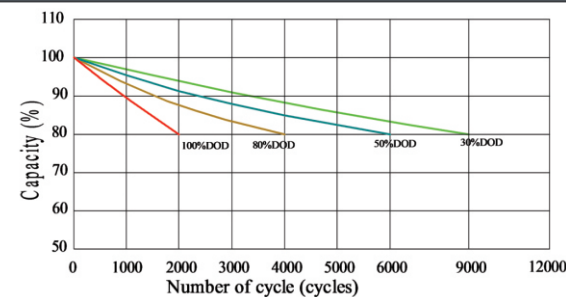
Best Solution Lithium Battery



## Features

- Fast charging-normally recommended 0.5C for 2 hours
- Ensure long cycle life-at least 2000 cycles under 100% DOD
- Can replace lead acid battery with same size and 1/2 weight
- Most green and safe lithium technology-no liquid leakage no pollution
- Internal cell balance, built-in Integrated BMS (Battery Management System)

Cycle life with DOD at 25°C,0.5C



The capacity and dimension can be customized according to your request.

Models	Voltage(V)	Nominal Capacity(AH)	Max.charge current(A)	Weight(kg) +/-5%	Dimension(+/-3mm)			Cycle life DOD 100%
					L(mm)	W(mm)	H(mm)	
B-LFP12-40	12	40	20	6	195	130	168	>2000
B-LFP12-50	12	50	30	7	229	138	213	>2000
B-LFP12-80	12	80	30	12.8	262	167	212	>2000
B-LFP12-100	12	100	50	14	323	173	218	>2000
B-LFP12-120	12	120	60	16	323	173	218	>2000
B-LFP12-150	12	150	75	24	485	172	240	>2000
B-LFP12-170	12	170	85	26	485	172	240	>2000
B-LFP12-200	12	200	100	30	520	269	205	>2000
B-LFP12-240	12	240	120	34.2	520	269	208	>2000
B-LFP24-50	24	50	25	14.8	520	380	290	>2000
B-LFP24-100	24	100	50	28	520	450	350	>2000
B-LFP24-150	24	150	50	42	520	450	400	>2000
B-LFP24-200	24	200	50	56	520	380	290	>2000
B-LFP24-250	24	250	50	70	600	450	350	>2000

※ (Can replace for the lead acid battery, with the same size of SLA battery)



UPS System



RV



Solar Street Light



Solar System



# LiFePO4 Battery for Telecom Equipment

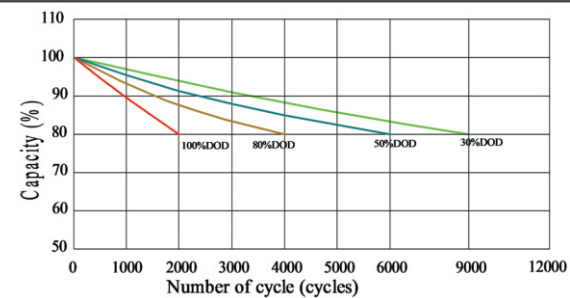
Best Solution Lithium Battery



## Features

- Adopt lithium iron phosphate (LiFePO4) material
- Communication of monitored data via battery
- Usually be connected in series or in parallel as battery pack
- Can choose RS232 & RS485 standard communication interface
- Internal cell balance, built-in Integrated BMS (Battery Management System)

Cycle life with DOD at 25°C, 0.5C



The capacity and dimension can be customized according to your request.

Models	Voltage(V)	Nominal Capacity(AH)	Max.charge current(A)	Weight(kg) +/-5%	Dimension(+/-3mm)			Cycle life DOD 100%
					L(mm)	W(mm)	H(mm)	
B-LFP24-10	24	10	5	3	181	77	167	>2000
B-LFP48-10	48	10	5	8.4	442	285	44	>2000
B-LFP48-20	48	20	10	15	442	285	88	>2000
B-LFP48-30	48	30	10	21	442	360	88	>2000
B-LFP48-40	48	40	20	27	442	325	132	>2000
B-LFP48-50	48	50	20	33.5	442	400	132	>2000
B-LFP48-60	48	60	20	39	442	460	132	>2000
B-LFP48-80	48	80	20	52	442	450	177	>2000
B-LFP48-100	48	100	50	42	442	520	177	>2000
B-LFP48-150	48	150	50	77	442	520	280	>2000
B-LFP48-200	48	200	50	110	442	520	320	>2000

※ (Can replace for the lead acid battery, with the same size of SLA battery)



Communication System



Ups System



Telecom Base Station



# LiFePO4 Battery for Resident Electric Vehicle

Best Solution Lithium Battery



## Features

- Low self discharge rate-only 12% rate each year
- Stable performance and high security for the vehicle
- Recharge much faster-can be fully charged in 60 minutes
- Up to 60% weight saving for replacement lead acid battery
- Usually be connected in parallel as high voltage battery pack



The capacity and dimension can be customized according to your request.

Models	Voltage(V)	Nominal Capacity(AH)	Max.charge current(A)	Weight(kg) +/-5%	Dimension(+/-3mm)			Cycle life DOD 100%
					L(mm)	W(mm)	H(mm)	
B-LFP12-16	12	16	5	2.3	168	128	75	>2000
B-LFP12-22	12	22	5	3	168	128	105	>2000
B-LFP12-200	12	200	100	23	260	175	180	>2000
B-LFP12-400	12	400	100	45	900	650	130	>2000
B-LFP24-7	24	7	3	2.35	130	95	150	>2000
B-LFP24-10	24	10	5	3	180	80	180	>2000
B-LFP24-200	24	200	100	45	520	380	290	>2000
B-LFP36-10	36	10	5	4	250	80	180	>2000
B-LFP36-16	36	16	8	6.95	150	90	300	>2000
B-LFP48-10	48	10	5	6	300	150	100	>2000
B-LFP48-12	48	12	5	7	300	150	100	>2000
B-LFP48-16	48	16	5	8	300	150	100	>2000
B-LFP48-20	48	20	10	9	260	175	180	>2000
B-LFP48-112	48	112	50	66	130	95	150	>2000
B-LFP48-224	48	224	50	112	800	650	120	>2000
B-LFP72-224	72	224	50	168	150	90	300	>2000
For Kart/Beach Motorcycle								
B-LFP60-20	60	20	40	13	400	350	200	>2000
B-LFP60-40	60	40	80	25	400	350	280	>2000

※ (Can replace for the lead acid battery, with the same size of SLA battery)





# LiFeP04 Battery for Industrial Electric Vehicle

Best Solution Lithium Battery



- ### Features
- High temperature operating range (-20°C to 55°C)
  - Protect and improve the life of the entire battery
  - BMS ensure the safety and reliability of battery pack
  - Can be connected in series or in parallel as battery pack
  - Light weight, deep discharge cycles, can directly replace lead-acid battery



The capacity and dimension can be customized according to your request.

Models	Voltage(V)	Nominal Capacity(AH)	Max.charge current(A)	Weight(kg) +/-5%	Dimension(+/-3mm)			Cycle life DOD 100%
					L(mm)	W(mm)	H(mm)	
<b>For Electric Forklift/ Stacker</b>								
B-LFP48-200	48	200	200	110	600	520	280	>2000
B-LFP48-500	48	500	500	268	900	500	520	>2000
B-LFP72-500	72	500	500	390	900	600	750	>2000
<b>For Sweeper</b>								
B-LFP48-200	48	200	200	110	600	520	280	>2000
B-LFP48-300	48	300	200	178	600	520	380	>2000
B-LFP48-380	48	380	200	207	600	520	480	>2000
<b>For Lift Machine</b>								
B-LFP12-150	12	150	150	21	350	240	260	>2000
B-LFP24-150	24	150	150	40	450	250	280	>2000
B-LFP48-150	48	150	150	77	600	250	350	>2000

※ (Can replace for the lead acid battery, with the same size of SLA battery)

