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## BASENGREEN POWER YOUR LIFE



**BASEN GREEN**

# CATALOGUE

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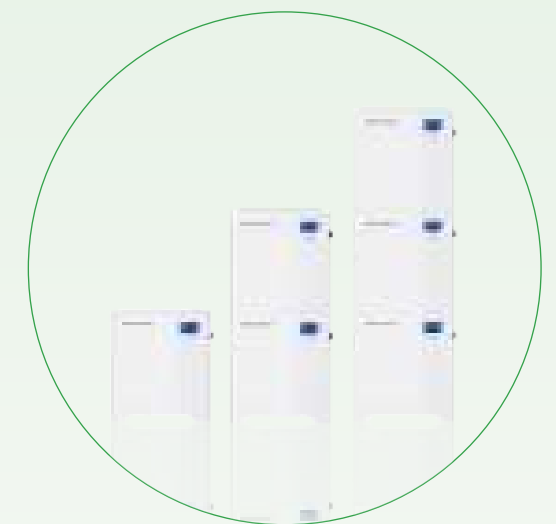
Features: stackable up to 30kWh



Features: roller design



Features: wall-mounted



Features: wall-mounted/ stackable



Features: ultra thin



Features: Modular design



# COMPANY

Shenzhen BASENGREEN Technology Co.,Ltd. was established in 2013, is a high-tech enterprise integrating R&D, design, production and sales of energy storage lithium battery packs. The main product is lithium iron phosphate battery, residential energy storage battery, industrial and commercial energy storage.

After a 10-year endeavor, BASENGREEN has become one of the world leading company in the field of Home Energy Storage based on its good quality, sales and service. Making its presence in 100+ countries with overseas warehouses in EU, USA, UK and CA, and built after-sales service center in EU, BASENGREEN is trusted by millions of customers worldwide.

2013

FOUNDED TIME

20 M\$

GMV

9000 +

CLIENTS

300 +

EMPLOYEES



COMPANY VISION

Innovation

Excellence

Trust

Sustainability



# Development

In the past ten years, BASENGREEN has always pursued excellence and kept improving, from 18650 battery to energy storage batteries. Serve every customer with the concept of innovation,excellence,trust and sustainability.

## 2013

**BASENGREEN SET UP**  
established on 2013.03 in Shen-zhen,China, main products are 18650 3.7V battery and charger

## 2015

**Battery Pack Business**  
2015.03 start battery pack business, mainly supply packs for ebike and e-tools equipments

## 2018

**Invest in Pack Factory**  
2018.05 own cost advantage and expand energy storage products

## 2021

**All in New Energy**  
Improve the supply chain gradually become the top 1 of battery category on the Alibaba platform

## 2022

**Expand the factory**  
Annual performance doubled year by year cooperation In China Tower Project

## 2023

**The Era of Home Energy Storage**  
Home energy storage products self-developed, online sales market in European warehouses

The future is endless , the struggle is endless



# High voltage stack series

BR-HV-15.36KWH/BR-HV-20.48KWH

BR-HV-25.6KKWH/BR-HV-30.72KWH

BR-HV-35.84KWH/BR-HV-40.96KWH



20KWH

25KWH

30KWH

## Features

CE

MSDS

UN38.3

**Support multiple communication protocols**  
support RS485, RS232, CAN etc

**LCD touch screen**  
LED lights display the parameters of the equipment in real time

**Modular structure**  
Easy to install and disassemble

**16 units in parallel**  
Maximum support for 16 units in parallel

**APP Monitoring**  
Intelligent battery management system

**Hybrid inverter**  
Compatible with hybrid inverters

MODULAR FREE STACKING  
Easy to use, a variety of choices



Battery Specifications						
Model No	BR-HV-15.36KWH	BR-HV-20.48KWH	BR-HV-25.6KWH	BR-HV-30.72KWH	BR-HV-35.84KWH	BR-HV-40.96KWH
Nominal Capacity	15.36KWh	20.48KWh	25.6KWh	30.72KWh	35.84KWh	40.96KWh
Cell Matching	48S1P	64S1P	80S1P	96S1P	112S1P	128S1P
Working Voltage Range	124.8-172.8V	166.4-230.4V	208-288V	249.6-345.6V	291.2-403.2V	332.8-460.8V
Nominal Voltage	153.6V	204.8V	256.0V	307.2V	358.4V	409.6V
Weight	175kg/202kg	223kg/252kg	271kg/301kg	319kg/351kg	367kg/401kg	415kg/452kg
Dimension(WxDxH)	530*480*760mm	530*480*920mm	530*480*1080mm	530*480*1240mm	530*480*1400mm	530*480*1560mm
Battery Type	LFP(LiFePO4)					
Nominal Working Current	50A					
Communication Port	CAN/RS485					
Working Temperature Range	Charge:0-45C/Discharge:-10-50 C					
Waterproof	IP55					
Installation Method	Floor-standing					
Cycle Life	6000 times					
Peak Charge/Discharge Current	50A					
Discharge Rate of Module	≤3.5%/month/@25 C					
Module Series Connection /Module	8S-16S					
Parallel Connection	16 units in parallel					
Support Inverter Brand	Victron、Pylon、Deye、SMA、Growatt、Goodwe、MPP、Voltronicpower、Pchne、Sofarsolar、Megarevo.....					
Warranty	10 years					



# All-in-one Energy Storage System Datasheet

BR-AIO-LV

10.24KWH\_15.36KWH\_20.48KWH\_25.6KWH



20.48KWH

15.36KWH

10.24KWH

## Features

CE

MSDS

UN38.3

### Reassuring Foundation

Adopted the most stable and safe lithium iron phosphate (LiFePO4) battery

### High Safety

Build-in BMS, protection functions of discharge, over charge, over current, high temperature and low temperature

### All in Control

Equipped with RS232/RS485/CAN bus ports, the most important with bluetooth and WIFI function

### High Cost Performance

More than 6000 cycles, 10 years service life, providing long-term energy for your home

### Arbitrary Extension

The same capacity of the battery can be freely expanded to meet the electricity demand in an all-round way

### Perfect Match

Compatible with inverters of most main stream brands on the market

Model	BR-AIO-LV 10.24KWH	BR-AIO-LV 15.36KWH	BR-AIO-LV 20.48KWH	BR-AIO-LV 25.6KWH
<b>Main Parameter</b>				
Nominal Energy	10240Wh	15360Wh	20480Wh	25600Wh
Round-Trip Efficiency	5KW			
Weight	132KG/150KG (with packing)	182KG/203KG (with packing)	232KG/255KG (with packing)	282KG/307KG (with packing)
Dimensions(L/W/H)	550x500x635mm	550x500x795mm	550x500x955mm	550x500x1115mm
Warranty	10 Years			
<b>Electrical Parameter</b>				
Nominal Voltage	51.2V			
Nominal Capacity	200Ah	300Ah	400Ah	500Ah
Wheels	Removable			
Max. Cont. Charge Current	2pcs pack	3pcs pack	4pcs pack	5pcs pack
Charge Current (-20 to -10 °C)	≤0.05C			
Recommended Charge Voltage	56V-57.6V			
BMS Charge Voltage Cut-Off	58.4V (3.65±0.025vpc)			
Reconnect Voltage	54.6V (3.34 ±0.05vpc)			
Case Material	Metal			
Enclosure Protection	IP55			
Maximum Continuous Discharge Current	100A			
Discharge Temperature	-20 to 60°C (-4 to 140 °F)			
Charge Temperature	0 to 45°C (32 to 113 °F)			
<b>General Parameter</b>				
Cycle Life	≥6000 Times (80% DOD)			
Display	SOC Status Indicator, LED Indicator			
Communication	RS485, RS232, CAN			
Charge Temperature Range	0°C~60°C (Under 0°C extra heating mechanism)			
Discharge Temperature Range	-20°C~60°C (Under 0°Cwork with reduced capacity)			
Storage Temperature Range	-40°C~55°C @ 60%±25% relative humidity			
Compatible Inverters	Victron, Pylon, Deye, SMA, Growatt, Goodwe, MPP, Voltronicpower, Pchne, Sofarsolar, Megarevo, Tbbpower, ARUN, Schneider Etc			

\* Compatible tests with different brands of inverter are continuously, updates will be periodically.

\*\* Under specific test conditions.



# 48V Rack-mounted LiFePO4 Series BR-RM-LV

BR-RM-LV 6KWH

BR-RM-LV 11.77KWH

BR-RM-LV 15.36KWH



15.36KWH

11.77KWH

6KWH

## Features

CE

MSDS

UN38.3

### Convenient

Modular design and installation, easy to use

### Intelligent BMS

with Wifi and bluetooth function

### Safe and reliable

5 years warranty, 10 years service life

### Flexible configuration

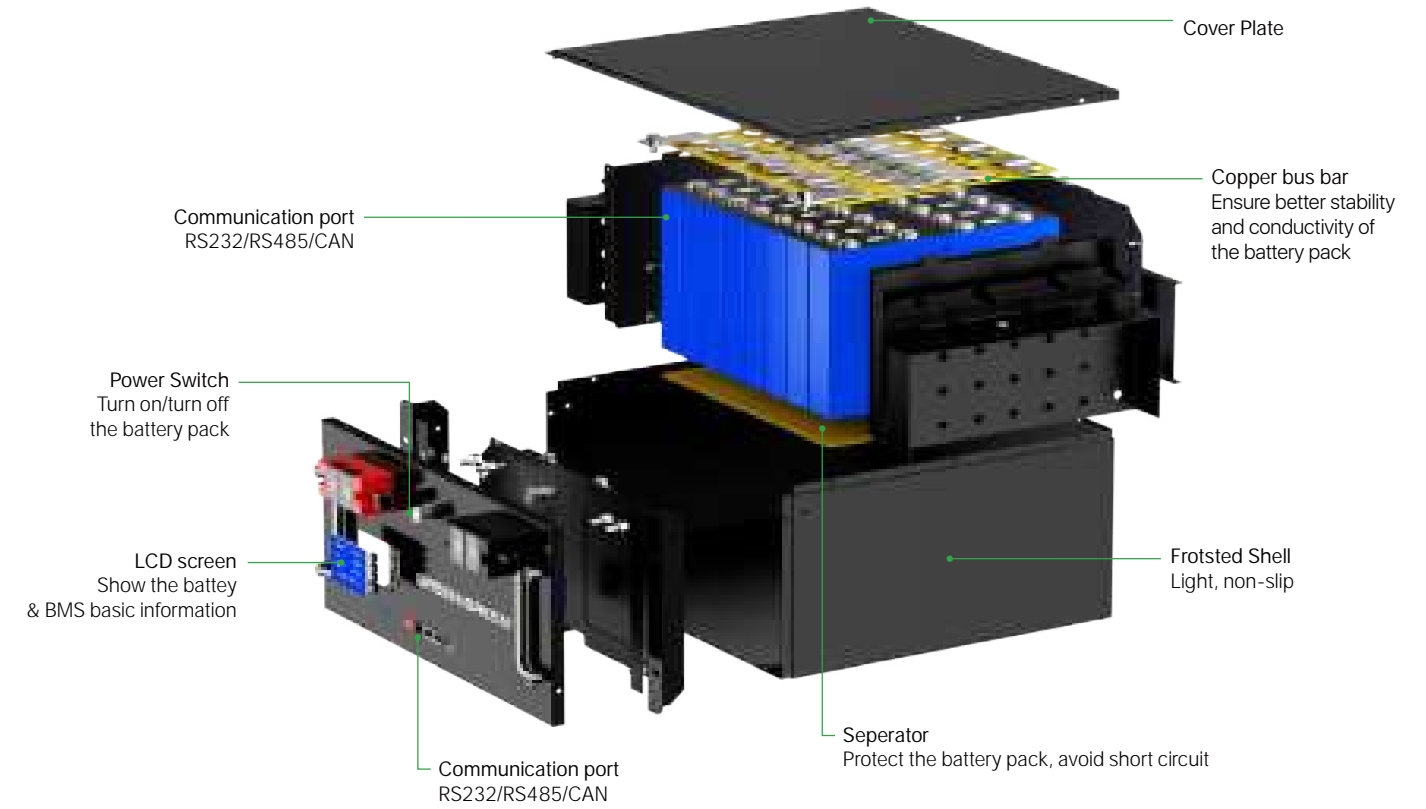
Maximum support 15pcs in parallel connection

### Wide temperature

-20°C to 55° working temperature

### Perfect Match

Compatible with inverters of most main stream brands on the market



## Battery Specifications

Model No	BR-RM-LV 6KWH	BR-RM-LV 11.77KWH	BR-RM-LV 15.36KWH
Battery Chemistry	Lithium-iron Phosphate (LiFePO4)		
Rated Voltage	51.2V		
Operating Voltage Range	43.2V - 57.6V		
Charge /Discharge Cut-off Voltage	58.4V/43.2V		
Capacity	120Ah	230Ah	300Ah
Energy	6.144kWh	11.77kWh	15.36kWh
Max. Cont. Charge/discharge Current	100A or Customized	200A or Customized	200A or Customized
Dimension(L*W*H)	482*415*222mm	480*618*248mm	475*770*255mm
Weight Approximate	51KG	88KG	122KG
Parallel connection	Support maximum 15 parallels		
Charge Temperature Range	0°C-60°C (Optional: Under 0°C extra heating mechanism)		
Discharge Temperature Range	-20°C-60°C (Under 0°C work with reduced capacity)		
Storage Temperature Range	-40°C-55°C @ 60% ± 25% relative humidity		
Compatible Inverters	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.		



# 48V Stackable Battery Series BR-BOX-LV

5KWH/10KWH/20KWH/30KWH



## Features

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**Deep cycle life**  
More than 6000 cycle times @80% DOD

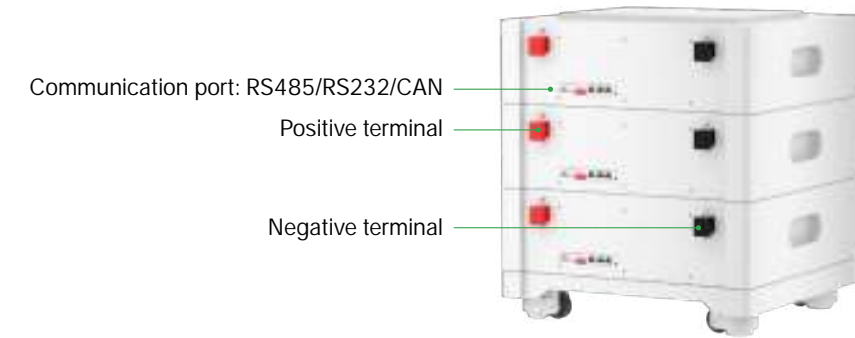
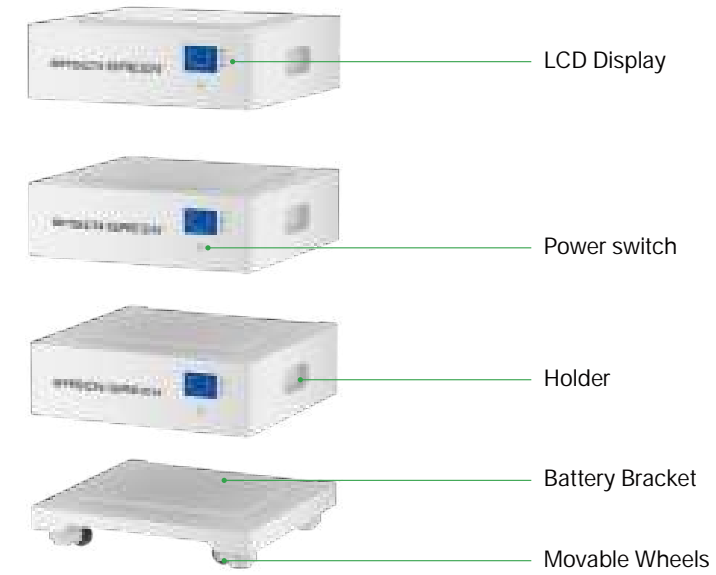
**Modularization**  
It supports 15 pcs in parallel connection

**Easy to install and use**  
Plug and play to minimize the installation time and cost

**Communication**  
RS232, RS485 and CAN

**Intelligent BMS**  
Supported Bluetooth & Wifi function

**Compatibility**  
Compatible with most of the major brands hybrid inverters



Battery Specifications				
Model No	BR-BOX-LV 5KWH	BR-BOX-LV 10KWH	BR-BOX-LV 20KWH	BR-BOX-LV 30KWH
Battery Chemistry	LiFePO4 Battery (Lithium iron Phosphate Battery)			
Rated Voltage	51.2V			
Operating Voltage Range	43.2V - 57.6V			
Charge /Discharge Cut-off Voltage	58.4V/43.2V			
Capacity	100Ah	200Ah	400Ah	600Ah
Energy	5kWh	10kWh	20kWh	30kWh
Max. Cont. Charge/discharge Current	100A			
Dimension	530*500*170mm	530*500*405mm	530*500*745mm	530*500*1085mm
Weight Approximate	51KG	102KG	204KG	306KG
Charge Temperature Range	0-45 °C (Optional: Under 0°C extra heating mechanism)			
Discharge Temperature Range	-20-60°C (Under 0°C work with reduced capacity)			
Storage Temperature Range	-40°C - 55°C @ 60% ± 25% relative humidity			
Communication interface	RS232 / RS485 / CAN			
Compatible Inverters	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.			
Optional Accessories	Movable Base / Parallel Line(30cm) / RS485 Communication Line			



# 48V Stackable Battery Series BR-WS-LV

5KWH/10KWH/15KWH



15KWH

10KWH

5KWH

## Features

CE

MSDS

UN38.3

### Long life and safety

More than 6000 cycle times @80% DOD

### Modularization

it supports 15 pcs in parallel connection

### Easy to install and use

Plug and play to minimize the installation time and cost

### Compatibility

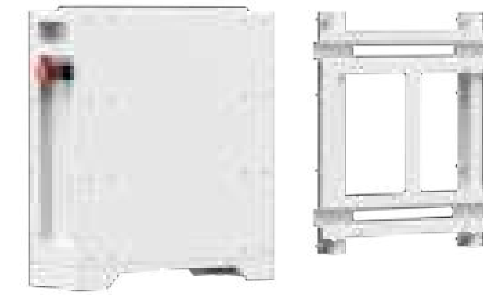
Compatible with most of the major brands hybrid inverters

### Communication

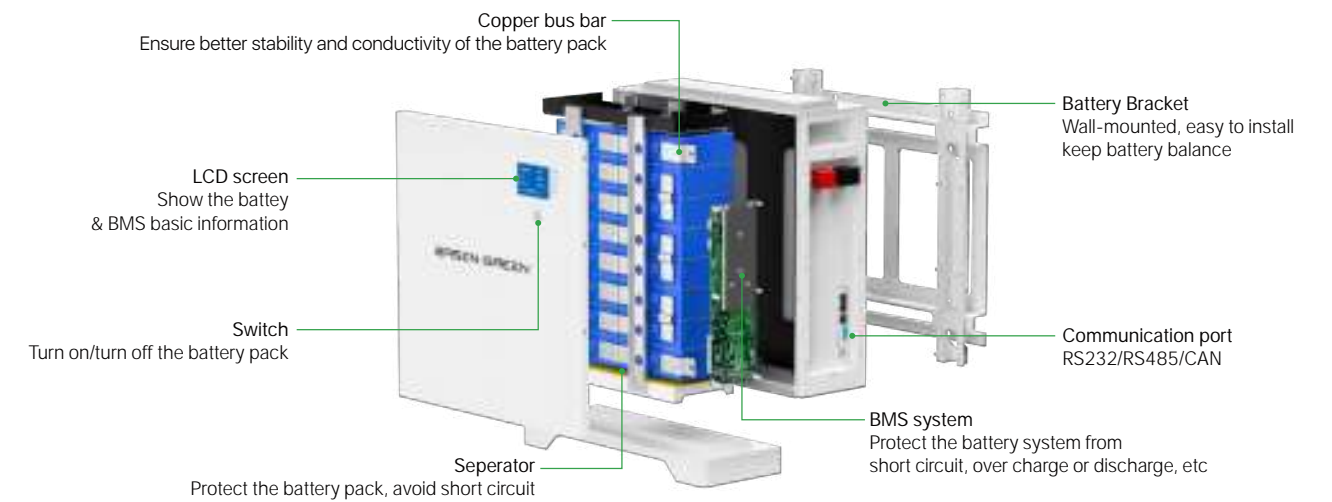
supported RS232,RS485 and CAN

### Diversified Use

wall mounted & Stack, space saving



It can be wall-mounted  
and stacked at the same time



Battery Specifications			
Model No	BR-WS-LV 5KWH	BR-WS-LV 10KWH	BR-WS-LV 15KWH
Nominal voltage		51.2V	
Nominal capacity	5kWh	10kWh	15kWh
Battery Chemistry	Grade A and NEW prismatic / pouch lifepo4 (16S)		
Dimension (L*W*H)	470*175*490mm	470*175*1005mm	470*175*1495mm
Weight Approximate	53KG (5KWH)	101KG (10KWH)	150KG (15KWH)
Operating Voltage Range	43.2V - 57.6V		
End of Charge/Discharge Voltage	58.4V/43.2V		
Nominal Discharge Current	100A/Module		
Max. Pulse Discharge Current	200A(3S)/Module		
Charge Temperature Range	0-45°C (Optional: Under 0°C extra heating mechanism)		
Discharge Temperature Range	-20-60°C (Under 0°C work with reduced capacity)		
Storage Temperature Range	-10°C-45°C @ 60% ± 25% relative humidity		
Built in BMS	Charge Protection, Over charge Protection, Over Discharge Protection, Short Circuit Protection		
Compatible Inverters	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.		



# 48V Wall-mounted LiFePO4 Series BR-OW-LV

BR-OW-LV 14.3KWH

BR-OW-LV 15.3KWH



15.3KWH

14.3KWH

## Features

CE

MSDS

UN38.3

### Reassuring Foundation

Adopted the most stable and safe lithium iron phosphate (LiFePO4) battery

### Readily Available

Equipped with RS232/RS485/CAN bus ports, the most important with bluetooth and WIFI function

### APP Monitoring

Remote diagnosis and real-time data monitoring

### High Cost Performance

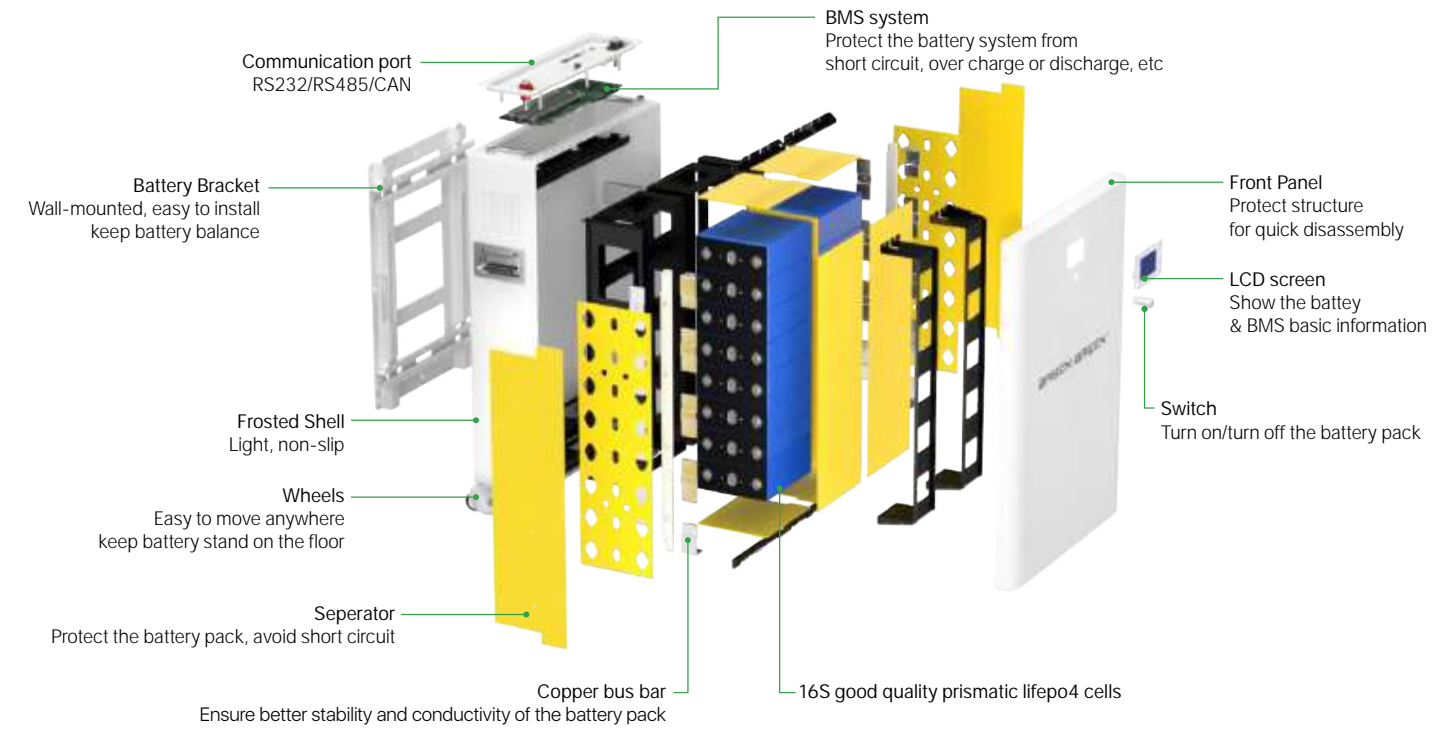
More than 6000 cycles, 10 years service life, providing long-term energy for your home

### Arbitrary Placement

Roller design allows it to be placed anywhere in the home or in blind spots

### Perfect Match

Compatible with inverters of most main stream brands on the market



## Battery Specifications

Model No	BR-OW-LV 14.3KWH	BR-OW-LV 15.3KWH
Battery Chemistry	Lithium-iron Phosphate (LiFePO4)	
Rated Voltage	51.2V	
Operating Voltage Range	43.2V - 57.6V	
Charge /Discharge Cut-off Voltage	58.4V/43.2V	
Capacity	280Ah	300Ah
Energy	14.336kWh	15.36kWh
Max. Cont. Charge/discharge Current	200A or Customized	200A or Customized
Dimension(L*W*H)	475*255*770mm	
Weight Approximate	112KG	
Parallel connection	Support maximum 15 parallels	
Charge Temperature Range	0°C~60°C (Optional: Under 0°C extra heating mechanism)	
Discharge Temperature Range	-20°C~60°C (Under 0°C work with reduced capacity)	
Storage Temperature Range	-40°C~55°C @ 60% ± 25% relative humidity	
Compatible Inverters	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.	



# 48V Wall-mounted LiFePO4 Series BR-WL-LV

BR-WM-LV 5KWH

BR-WM-LV 10KWH



10KWH



5KWH

## Features

CE

MSDS

UN38.3

### Reassuring Foundation

Adopted the most stable and safe lithium iron phosphate (LiFePO4) battery

### High Safety

Build-in BMS, protection functions of discharge, over charge, over current, high temperature and low temperature

### All in Control

Equipped with RS232/ RS485/ CAN bus ports, the most important with bluetooth and WIFI function

### High Cost Performance

More than 6000 cycles, 10 years service life, providing long-term energy for your home

### Arbitrary Extension

The same capacity of the battery can be freely expanded to meet the electricity demand in an all-round way

### Perfect Match

Compatible with inverters of most main stream brands on the market

## Technical Specification

Model	BR-WM-LV 5KWH	BR-WM-LV 10KWH
<b>Main Parameter</b>		
Cell Technology	Lithium-iron Phosphate (LiFePO4)	
Nominal Energy	5kWh	10kWh
Round-Trip Efficiency	98%	
Scalability	Max. 15 Modules in Parallel	
Dimensions(L/W/H)	615*500*160mm	615*580*215mm
Weight	53kg	88kg
Installation	Indoor	
Warranty	10 Years Product Warranty 15 Years Performance Warranty	
<b>Electrical Parameter</b>		
Nominal Voltage	51.2V	
Nominal Capacity	100Ah	200Ah
Max Charge Current	100A	100A
Max. Cont. Charge Current	100A	100A
Max Discharge Current	100A	100A
Max. Cont. Discharge Current	100A	100A
Operating Voltage Range	43.2V - 57.6V	
Charge Cut-Off Voltage	58.4V	
Discharge Cut-Off Voltage	43.2V	
<b>General Parameter</b>		
Cycle Life	≥6000 Times (80%DoD)	
Service Life	10 Years	
Protection Rating	IP55	
Display	SOC Status Indicator, LED Indicator	
Communication	RS485, RS232, CAN	
Charge Temperature Range	0°C~60°C	
Discharge Temperature Range	-20°C~60°C (Under 0°C work with reduced capacity)	
Storage Temperature Range	-40°C~55°C @ 60%±25% relative humidity	
Compatible Inverters	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.	

\* Compatible tests with different brands of inverter are continuously, updates will be periodically.

\*\* Under specific test conditions.



# 48V Wall-mounted LiFePO4 Battery (NEW VERSION) BR-WM-LV

App Monitoring/ Various Installation/ Flexible Expansion

LiFePO4 chemistry battery with safe performance and longer cycle life, offers you various capacities options to meet different requirements



## Features

CE MSDS UN38.3

**Easy to install**  
Plug and play

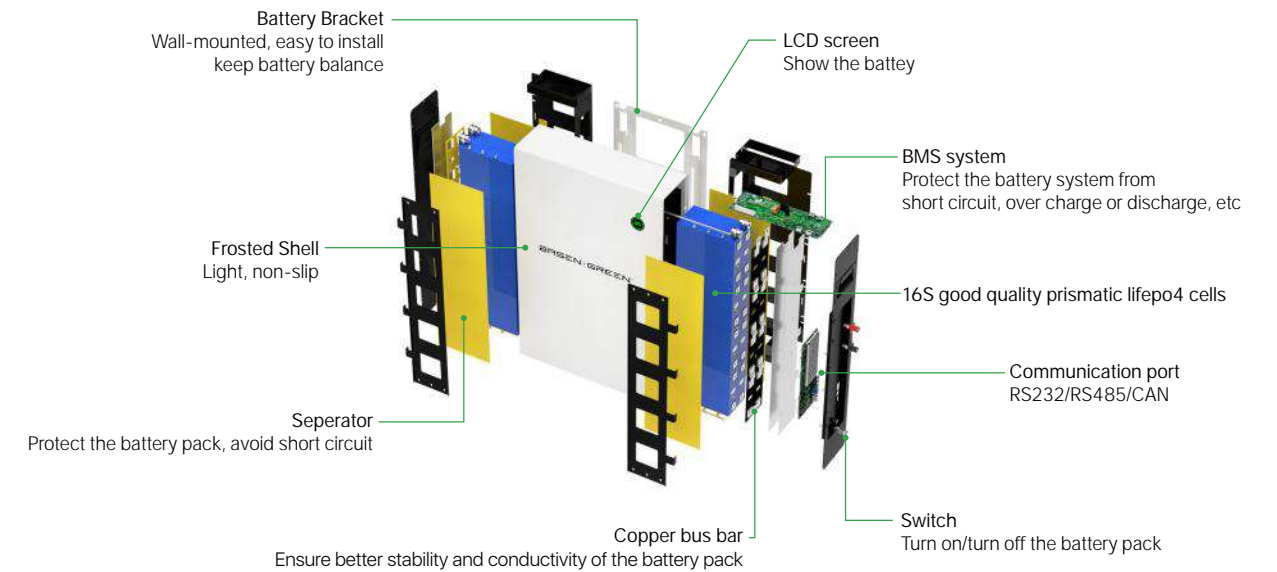
**High Cost Performance**  
More than 6000 cycles, 10 years service life

**More Flexible installation**  
Wall-mounted or floorstanding solution

**APP Monitoring**  
Bluetooth function to check battery current condition

**Wide Compatibility**  
Matching with leading inverter brand

**Expandable**  
Support up to 15 units in parallel connection



### Technical Specification

	BR-WM-LV 51.2V230AH
<b>Main Parameter</b>	
Cell Technology	Lithium-iron Phosphate (LiFePO4)
Nominal Energy	11.776kWh
Round-Trip Efficiency	98%
Scalability	Max. 15 Modules in Parallel
Dimensions(L/W/H)	850*545*160mm
Weight	89kg
Warranty	10 Years Warranty
<b>Electrical Parameter</b>	
Nominal Voltage & Capacity	51.2V 230Ah
Max. Cont. Charge Current	100A
Reconnect Voltage	54.6V (3.34 ±0.05vpc)
Case Material	Metal
Enclosure Protection	IP54
Maximum Continuous Discharge Current	100A
Discharge Temperature	-20 ~ 50°C
Charge Temperature	0 to 45°C (32 to 113 °F)
<b>General Parameter</b>	
Cycle Life	≥6000 Times (80%DoD)
Communication	RS485, RS232, CAN
Charge Temperature Range	0°C~60°C (Optional: Under 0°C extra heating mechanism)
Discharge Temperature Range	-20°C~60°C (Under 0°C work with reduced capacity)
Storage Temperature Range	-40°C~55°C @ 60%±25% relative humidity
<b>Compatible Inverters</b>	SMA, Victron Energy, Deye, Goodwe, Growatt, Sermatec, etc.

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\*\* Under specific test conditions.



# 12V/24V SERIES

## ALL PURPOSE LITHIUM ION BATTERIES



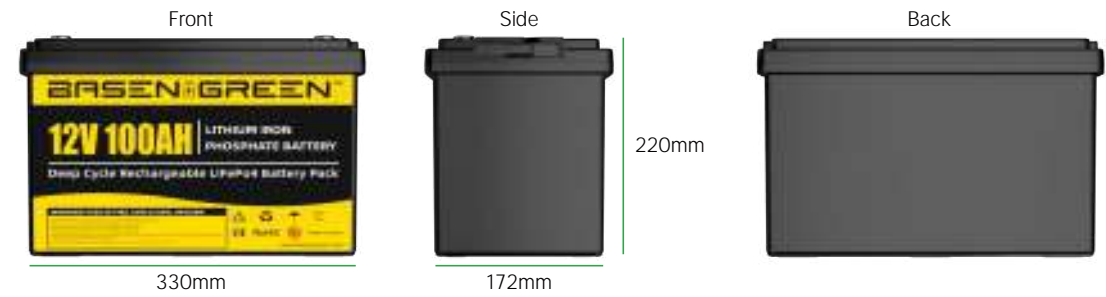
Specification										
Model	BG-12100	BG-12160	BG-12200	BG-12230	BG-12300	BG-12460	BG-24100	BG-24200	BG-24230	
Nominal Voltage	12.8V									
Capacity	100Ah	160Ah	200Ah	230Ah	300Ah	460Ah	100Ah	200Ah	230Ah	25.6V
Cycle times	4000(DoD 80%, 25°C)		5000(DoD 80%, 25°C)			4000(DoD 80%, 25°C)				
Discharge										
Max. Continue Discharge Current	100A	150A	100A	150A	150A	150A	100A	100A	150A	150A
Discharge Cut-off voltage	10.8V									
Operation Temperature										
Charge Temperature	0°C-55°C									
Discharge Temperature	-20°C-60°C									
Storage Temperature	0°C-45°C									
Protection Class	IP65									
Charging										
Charging Method	CC-CV									
Cut-off Charging Voltage	14.6V									
Max. Charging Current	100A	150A	100A	150A	150A	150A	100A	100A	150A	150A
Other										
Terminals	M8(Threaded-hole)									
Size(mm)	330*172*220	330*172*220	384*194*255	384*194*255	522*269*220	522*269*220	522*240*218	522*269*220	522*269*220	522*269*220
Weight	12kg	17kg	24kg	25kg	30kg	41kg	24kg	41kg	41kg	41kg



# 12V 100Ah LiFePO4 Lithium Battery

Over 4000 Cycles Life

Model NO: BG-12100



## Introduction

BG-12100 LifePO4 Lithium Deep Cycle Battery, is With the Grade A Cells and Built-in Smart BMS, The Designed Life is Up to 10 Years. 4000 Cycles @ 80%DOD. Protections Include: Charging and Discharge Protection, Hardware Protection for Over-Voltage, Under-Voltage, Temperature, Overload, Short Circuit etc. It is Widely Used in Various Applications, Such as RV, Van, Camper, Marine, Camping, Off-Grid, Solar Home, Ups Backup, Golf Cart etc.

## Features

CE MSDS UN38.3

Grade A Cells and Built-In Smart BMS

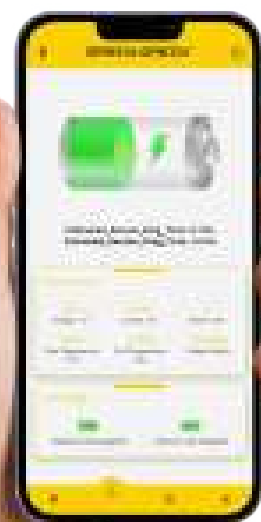
Over Current, Short Circuit, Over Charge and Over Discharge Protection

Black ABS Case and Designed for Disassembly Cover With Replaceable BMS and Cells

4000 Cycle Life and 5 Years Warranty

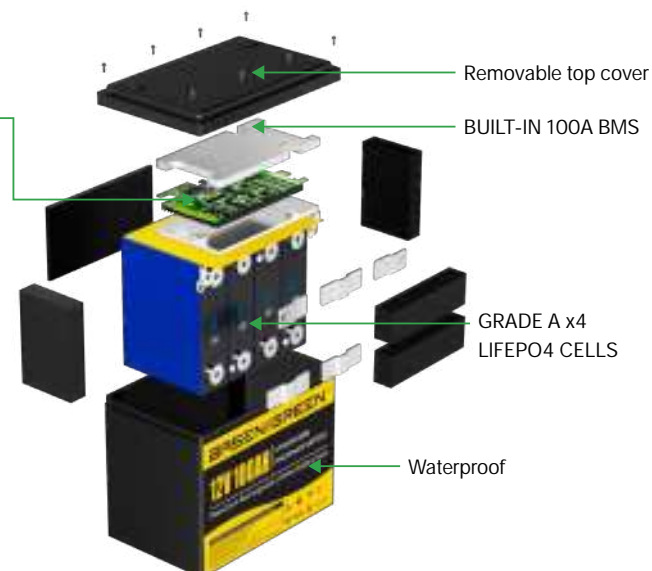
High & Low Temperature Auto Cut-Off Protection

Certified with CE / UN38.3 / MSDS



### Bluetooth-APP

- SOC Monitor
- Temperature Monitor
- Voltage Monitor
- Current Monitor
- Cycle Monitor
- Cell Monitor



ELECTRICAL PROPERTIES	
Nominal Voltage	12.8V
Nominal Capacity	100Ah
Energy	1280Wh
Self Discharge	< 3% / Month
CHARGE PERFORMANCE	
Maximum Charge Current	100A
Recommend Charge Voltage	14.6V
BMS Charge Cut-off Voltage	14.6V
BMS Charge Cut off Recover	14±0.05V
Balancing Voltage	< 13.2V(3.3V/Cell)
DISCHARGE PERFORMANCE	
Max Continuous Discharge Current	100A
Short Circuit Protection Current	1400A±280A
Discharge Cut-off	10.8V
BMS Low-Voltage Protection	10.8±0.05V
BMS Low Voltage Recover	11.6±0.05V
BMS Short Circuit Protection	250µs
TEMPERATURE PERFORMANCE	
Discharge Temperature	-20 ~ 60 °C
Charge Temperature	0 ~ 55 °C
Storage Temperature	10 ~ 35 °C
BMS High Temperature Cut	55±2 °C
BMS High Temperature Recovery	50±2 °C
PHYSICAL PROPERTIES	
Overall Dimensions (LxWxH)	330x172x220mm
Weight	12kg
Terminal Thread Type	M8
Case Material	ABS
Protection Class	IP65
COMPLIANCE	
Certifications	CE,MSDS,UN38.3

Shenzhen Basen Technology Co., Ltd.

Email: info@basengroup.com / Website: www.basenpower.com

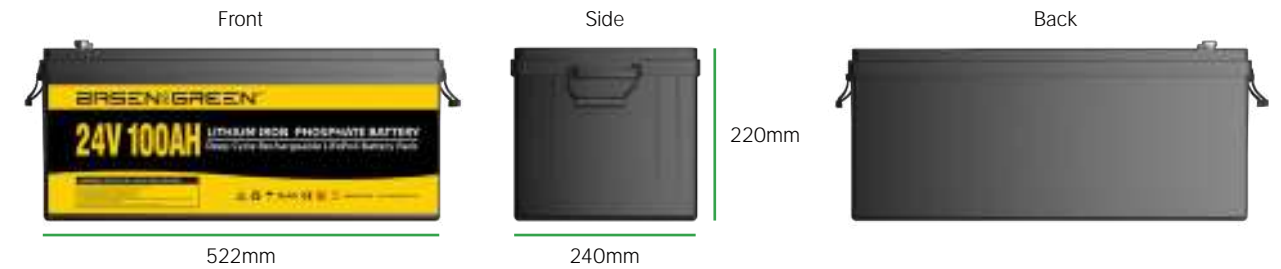
Add: Room 303, Building 3, 1980 Culture and Technology Industrial Park, Donghuan Road, Longhua District, Shenzhen



# 24V 100Ah LiFePO4 Lithium Battery

Over 4000 Cycles Life

Model NO: BG-24100



## Introduction

BG-24100 LiFePO4 Lithium Deep Cycle Battery, is With the Grade A Cells and Built-in Smart BMS, The Designed Life is Up to 10 Years. 4000 Cycles @ 80%DOD. Protections Include: Charging and Discharge Protection, Hardware Protection for Over-Voltage, Under-Voltage, Temperature, Overload, Short Circuit etc. It is Widely Used in Various Applications, Such as RV, Van, Camper, Marine, Camping, Off-Grid, Solar Home, Ups Backup, Golf Cart etc.

## Features

CE MSDS UN38.3

Grade A Cells and Built-In Smart BMS

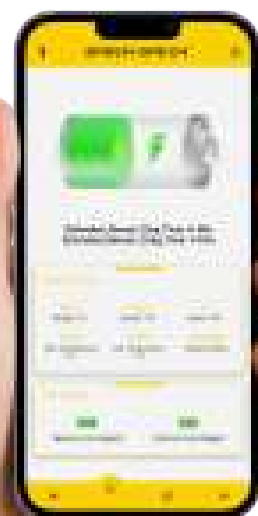
Over Current, Short Circuit, Over Charge and Over Discharge Protection

Black ABS Case and IP65 Waterproof

4000 Cycle Life and 5 Years Warranty

High & Low Temperature Auto Cut-Off Protection

Certified with CE / UN38.3 / MSDS



### Bluetooth-APP

SOC Monitor

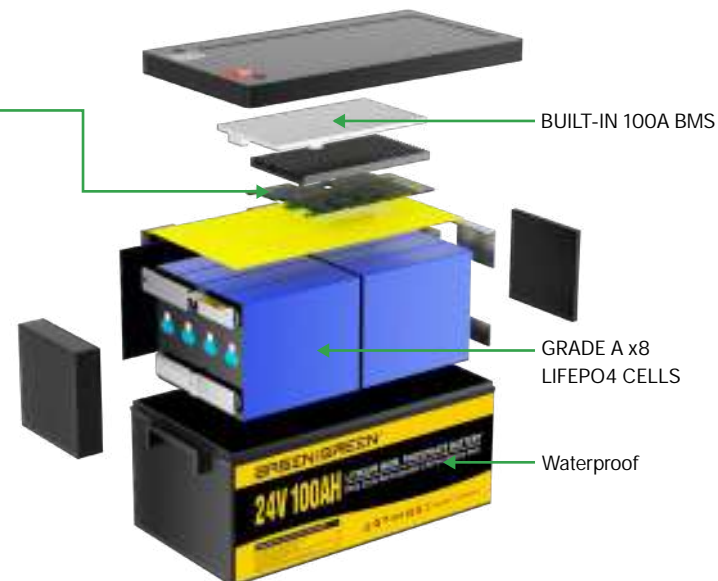
Temperature Monitor

Voltage Monitor

Current Monitor

Cycle Monitor

Cell Monitor



ELECTRICAL PROPERTIES	
Nominal Voltage	25.6V
Nominal Capacity	100Ah
Energy	2560Wh
Self Discharge	< 3% / Month
CHARGE PERFORMANCE	
Maximum Charge Current	100A
Recommend Charge Voltage	28.8V
BMS Charge Cut-off Voltage	29.2V
BMS Charge Cut off Recover	28.4V
Balancing Voltage	28.0V
DISCHARGE PERFORMANCE	
Max Continuous Discharge Current	100A
Short Circuit Protection Current	1400A±280A
Discharge Cut-off	21.6V
BMS Low-Voltage Protection	21.6V
BMS Low Voltage Recover	23.2±0.05V
BMS Short Circuit Protection	250µs
TEMPERATURE PERFORMANCE	
Discharge Temperature	-20 ~ 60 °C
Charge Temperature	0 ~ 55 °C
Storage Temperature	0 ~ 45 °C
BMS High Temperature Cut	65±2 °C
BMS High Temperature Recovery	50±2 °C
PHYSICAL PROPERTIES	
Overall Dimensions (LxWxH)	522x240x220mm
Weight	24kg
Terminal Thread Type	M8
Case Material	ABS
Protection Class	IP65
COMPLIANCE	
Certifications	CE,MSDS,UN38.3

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# GLOBAL COOPERATION BUSINESS



## PRODUCT QUALITY

We ensure that all our products meet strict quality control standards and pass ISO 9001 certification to ensure high quality. Our products undergo strict testing and quality inspection to ensure that they meet international standards and customer requirements, with a product qualification rate of over 99%.



## WAREHOUSING CAPACITY

We have modern warehousing facilities with a total area of 10,000 square meters, widely covering Europe, North America, and Africa, etc., to achieve accurate inventory management and fast shipment to ensure timely delivery of orders at a rate of more than 98%.



## PRODUCTION CAPACITY

With advanced production equipment and technical team, our annual production capacity is over 100,000 sets of battery storage products. We utilize automated production lines and strict production processes to ensure product consistency and stability. Production efficiency has been continuously improved, and the average delivery cycle has been shortened to less than 10 working days.



## COMPANY STRENGTH

As a leading company in the battery energy storage industry, we have strong financial strength and good reputation. Our annual turnover exceeds 500M\$, and several partners have established long-term and stable cooperative relationships with customer satisfaction reaching over 95%.



# COMPANY HONOR

In the past ten years, Basengreen has always pursued excellence and kept improving, from 18650, battery to energy storage batteries Serve every customer with the concept of awe,gratitude, responsibility and win-win





# LIFEPO4 CELL PARTNER BRANDS

**BYD**

比亚迪汽车

**瑞浦能源**  
REPT

**EVE**<sup>®</sup>  
亿纬锂能



**CATL**  
宁德时代

**LISHEN**

# MATCH ALL 48VDC HYBRID INVERTER

