

Powering a Sustainable Future with Smart & Reliable Batteries





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A GLOBAL NETWORK OF TRUST POWERING ENERGY FREEDOM



120000
Global Residential ESS



141+ Countries
Global Deliveries



118+
Distributors



24+ Years
Lithium Experience



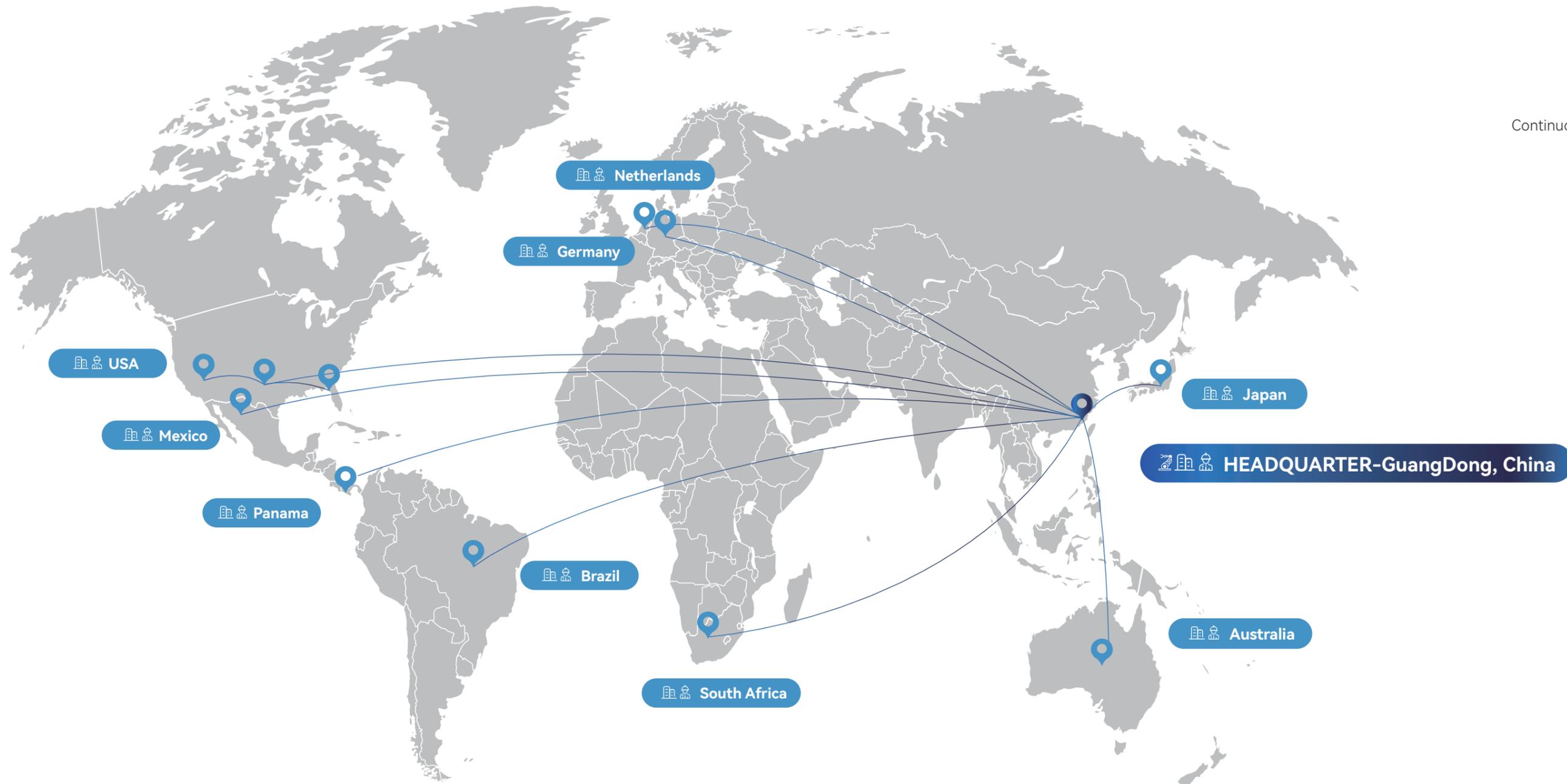
3 GWH +
Annual Production



12V- 1000V
Flexible Battery Solutions



6.2%
Continuous R&D investment



ABOUT BSLBATT

BRAND DEFINITION

Since our establishment in 2011, BSLBATT has been dedicated to delivering high-quality lithium solar battery solutions to customers worldwide. Guided by our philosophy of innovation, quality, and reliability, we continuously follow cutting-edge industry technologies to stay ahead in the energy storage field.

Today, BSLBATT offers a comprehensive product portfolio covering Residential ESS, C&I ESS, UPS, and Portable Power Solutions. Leveraging core technologies such as long cycle life, high safety, low-temperature resistance, and anti-thermal runaway design, we address the key challenges in energy storage development and remain committed to driving the global transition to renewable energy.

Over the years, we have adhered to continuous technological innovation, exploring the evolving needs of customers and delivering tailored solutions—from lithium iron phosphate cells to integrated energy storage systems. This aligns perfectly with our vision of becoming “the best lithium battery solution provider.”

Vision

To become the world’s most trusted lithium battery solution provider.

Mission

Cut carbon and power a cleaner, greener future with advanced energy storage.

Values

Safety · Quality · Innovation · Sustainability.



Three Major Milestone Figures

24+ Years

Lithium Battery Experience

100+

R&D Engineer

1.54 + MM Ts

Reduction in Carbon Dioxide Emissions

2011-2012

- BSLBATT was founded by Eric Yi
- Lead-acid battery sales exceeded RMB 100 million

2013-2017

- Established Anhui lithium battery factory
- Massembly shipments of 12V and 24V lead-to-lithium products
- Developed 48V and 51.2V products for ESS, UPS, and telecommunications applications

2018-2020

- Established a Dongguan energy storage battery factory
- Launched the first wall-mounted battery for household storage
- Became the third Chinese battery brand globally to be listed on Victron inverters

2021-2023

- Established BSL New Energy Technology Co., Ltd.
- Established Huizhou factory and R&D base
- Products exported to over 50 countries and regions
- Obtained multiple international certifications including UL1973, IEC, and AU CEC
- Over 90,000 energy storage batteries installed worldwide

2023- 2025

- Established branches in the Netherlands, USA, Mexico, South Africa, and Japan
- Expanded annual battery production capacity to 3GWh
- Launched multiple battery systems for industrial and commercial energy storage
- Company sales reached US \$72.68 million
- Products exported to over 141 countries and regions
- Listed on China's National Equities Exchange and Quotations (NEEQ)

Energy Transformation Needs Enablers

Work with a solar battery supplier you can support and a partner that offers personalized OEM service, technical training and 24/7 global support. That's BSLBATT.

ENERGY ADVANTAGE



Floor Area
30000 m²



Industrial Park
30 Acres



Number of Employees
300+



Annual Capacity
3 Gwh



Reliable

Operator-grade product quality, all passed national/industry standard testing and certification.

Focus

Focus on photovoltaic energy storage battery products rich product line, and on-grid service experience.

Innovation

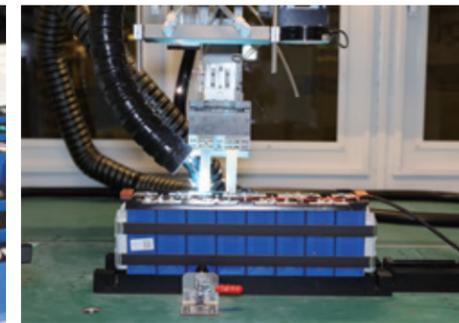
Focus on photovoltaic energy storage battery products, rich product line, and on-grid service experience.



LiFePO4 Battery Solution Supplier & Manufacturer

At BSLBATT, we view market demand and customer needs as opportunities to innovate. With advanced technology and reliable products, we insist on a long-term development strategy: refining our technology, standardizing our products, and systematizing production.

This enables us to deliver renewable energy solutions that are extremely safe, reliable, high-performing, and user-friendly, driving progress across multiple industries.



The company has developed a complete system to create and protect its intellectual property.

Several patents have been applied for and are pending authorization.



20+ Honors

Trusted technology, Global partnerships



- CE
- UN38.3
- UL1973
- IEC62619
- IEC62040
- IEC62477
- PICC
- ROHS
- ISO9001
- ISO14001
- ISO45001
- ISO50001



15 - 30 kWh
51.2V | AIO System | IP54



15 - 37 kWh
HV | Stackable | IP65



5 - 16 kWh
51.2V | Wall Battery | IP20



5 - 16 kWh
51.2V | Wall Battery | IP65



5 - 15 kWh
51.2V | Rack Battery | IP20



Why Home Energy storage system ?



Maximize Solar Self-use.

Self-use of photovoltaic power to increase the self-consumption rate



Live a low-carbon life

Green and low-carbon living to reduce carbon footprint

Safe Energy.
Smart Savings.
Green Living.

Application Scenarios



Shift energy use to off-peak hours

Peak shaving and off-peak shifting to reduce electricity costs



Live off the grid

Off-grid power supply



Solar-powered EV charging

Integrate with electric vehicle (EV) charging



Power for outages

Emergency backup power



Residential Battery Storage Solutions

- B-LFP48 Rack Series ◀
- B-LFP48 PW Series ◀
- Li-Pro Series ◀
- PowerLine-5 Series ◀
- B-LFP48-130PW ECO ◀
- PowerNest LV Series ◀
- MatchBox HVS Series ◀



B-LFP48-E Rack Series

51.2V LiFePO4 Solar Rack Batteries



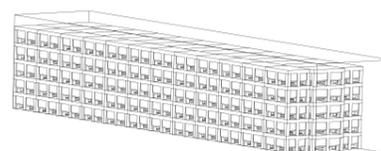
- Cobalt Free Lithium Iron Phosphate (LFP) Battery
- Built-in Pre-charge Resistor
- 1C Continuous Discharge Rate
- Modular Design, Up to 63 in Parallel
- CCS Standard Battery Module
- 10 Years Warranty > 6000 Cycles

The BSLBATT Classic Series rack-mount batteries are available in three capacities: 5kWh, 10kWh, and 15kWh, meeting diverse needs, from small homes to medium- to large-scale energy storage systems. The standard 19-inch rack design offers strong compatibility, ease of expansion and integration, and simplified installation and maintenance, making it an ideal choice for dealers and installers.

Packing Configuration		B-LFP48-100E	
Carton Dimensions	632*507*187mm		
Container	20'GP	40'GP	
Pieces Per Pallet	16	16	
Pallets Per Container	16	35	
Pieces Per Container	256	512	



20'GP
108 Pieces Container



40'GP
216 Pieces Container

Packing Configuration		B-LFP48-200E	
Carton Dimensions	702*538*321mm		
Container	20'GP	40'GP	
Pieces Per Pallet	6	6	
Pallets Per Container	28	47	
Pieces Per Container	168	282	

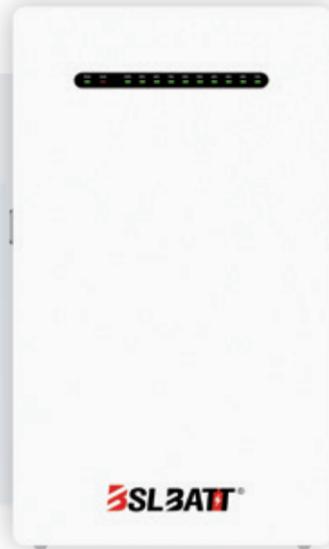
Packing Configuration		B-LFP48-300E	
Carton Dimensions	932*557*299mm		
Container	20'GP	40'GP	
Pieces Per Pallet	6	6	
Pallets Per Container	18	36	
Pieces Per Container	108	216	

Model	B-LFP48-100E 3U	B-LFP48-200E	B-LFP48-300E	
Battery Type	LiFePO4	LiFePO4	LiFePO4	
Nominal Voltage (V)	51.2	51.2	51.2	
Nominal Capacity (Wh)	5120	10240	15360	
Usable Capacity (Wh)	4864	9728	14592	
Cell & Method	16S1P	16S2P	16S1P	
Dimension (mm)(W*D*H)	540*483(442)*136 (±3)	590*483(442)*222 (±3)	780*483(442)*222 (±3)	
Weight (Kg)	46 ±1%	95 ±1%	130 ±1%	
Discharge Voltage (V)	47			
Charge Voltage (V)	55			
Charge	Rate. Current / Power	50A / 2.56kW	100A / 5.12kW	100A / 5.12kW
	Max. Current / Power	80A / 4.096kW	160A / 8.192kW	160A / 8.192kW
	Peak Current / Power	110A / 5.632kW	210A / 10.752kW	210A / 10.752kW
Discharging	Rate. Current / Power	100A / 5.12kW	200A / 10.24kW	200A / 10.24kW
	Max. Current / Power	120A / 6.144kW, 1s	220A / 11.264kW, 1s	220A / 11.264kW, 1s
	Peak Current / Power	150A / 7.68kW, 1s	250A / 12.80kW, 1s	250A / 12.80kW, 1s
Communication	RS232, RS485, CAN, WIFI, Bluetooth			
Depth Of Discharge (%)	95%			
Scalability	Up to 63 units in parallel			
Working Temperature	Charge	0~55°C		
	Discharge	-20~55°C		
Storage Temperature	0~35°C			
Short Circuit Current /Duration Time	350A, Delay time 500µs			
Cooling Type	Natural			
Protection Level	IP20			
Monthly Self-discharge	≤ 3%/month			
Humidity	≤ 60% ROH			
Altitude (m)	< 4000			
Warranty	10 Years			
Design Life	> 15 Years (25°C / 77°F)			
Cycle Life	> 6000 cycles, 25°C			
Transport Certificates	UN38.3, MSDS			
Safety Certifications	CE, IEC 62619, IEC 62040, IEC 62477 (B-LFP48-300E not included)			

Note: Customized models and adjusted parameters are available upon request.

B-LFP48-PW Series

51.2V Energy Storage Wall Batteries



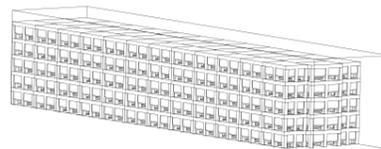
- Cobalt Free Lithium Iron Phosphate (LFP) Battery
- Built-in Pre-charge Resistor
- 1C Continuous Discharge Rate
- Modular Design, Up to 32 in Parallel
- CCS Standard Battery Module
- 10 Years Warranty > 6000 Cycles

The BSLBATT Classic Series wall-mounted battery is available in three capacities: 5kWh, 10kWh, and 16kWh, tailored to meet diverse household energy needs. It uses highly safe LiFePO₄ cells and an intelligent BMS protection system to ensure long-term stable and efficient operation.

Packing Configuration		B-LFP48-100PW	
Carton Dimensions	645*542*230mm		
Container	20'GP	40'GP	
Pieces Per Pallet	14	14	
Pallets Per Container	16	36	
Pieces Per Container	224	496	



20'GP
56 Pieces Container



40'GP
128 Pieces Container

Packing Configuration		B-LFP48-200PW	
Carton Dimensions	982*647*250mm		
Container	20'GP	40'GP	
Pieces Per Pallet	7	7	
Pallets Per Container	16	34	
Pieces Per Container	112	238	

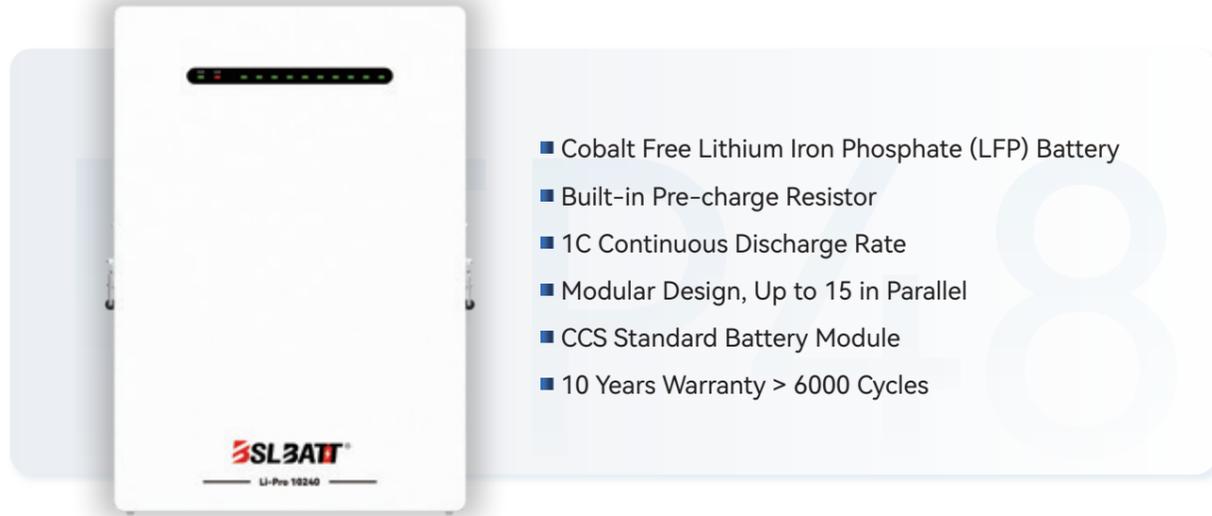
Packing Configuration		B-LFP48-300PW	
Wooden Box Dimensions	930*660*410mm		
Container	20'GP	40'GP	
Pieces Per Pallet	1	1	
Pallets Per Container	56	128	
Pieces Per Container	56	128	

Model	B-LFP48-100PW	B-LFP48-200PW	B-LFP48-300PW	
Battery Type	LiFePO4	LiFePO4	LiFePO4	
Nominal Voltage (V)	51.2	51.2	51.2	
Nominal Capacity (Wh)	5120	10240	15360	
Usable Capacity (Wh)	4864	9728	14592	
Cell & Method	16S1P	16S2P	16S1P	
Dimension (mm)(W*D*H)	460*147*590 (±3)	510*147*860 (±3)	510*240*844 (±3) (With wheels)	
Weight (Kg)	53 ±1%	95 ±1%	130 ±1%	
Discharge Voltage (V)	47			
Charge Voltage (V)	55			
Charge	Rate. Current / Power	40A / 2.048kW	80A / 4.096kW	80A / 4.096kW
	Max. Current / Power	80A / 4.096kW	160A / 8.192kW	160A / 8.192kW
	Peak Current / Power	110A / 5.632kW	210A / 10.752kW	210A / 10.752kW
Discharging	Rate. Current / Power	100A / 5.12kW	200A / 10.24kW	200A / 10.24kW
	Max. Current / Power	120A / 6.144kW, 1s	220A / 11.264kW, 1s	220A / 11.264kW, 1s
	Peak Current / Power	150A / 7.68kW, 1s	250A / 12.80kW, 1s	250A / 12.80kW, 1s
Communication	RS232, RS485, CAN, WIFI, Bluetooth			
Depth Of Discharge (%)	95%			
Scalability	Up to 32 units in parallel			
Working Temperature	Charge	0~55°C		
	Discharge	-20~55°C		
Storage Temperature	0~35°C			
Short Circuit Current /Duration Time	Enable			
Cooling Type	Natural			
Protection Level	IP20			
Monthly Self-discharge	≤ 3%/month			
Humidity	≤ 60% ROH			
Altitude (m)	< 4000			
Warranty	10 Years			
Design Life	> 15 Years (25°C / 77°F)			
Cycle Life	> 6000 cycles, 25°C			
Transport Certificate	UN38.3, MSDS			
Safety Certification	B-LFP48-200PW (old version): IEC 62619, UL1973, CEC Listed			

Note: Customized models and adjusted parameters are available upon request.

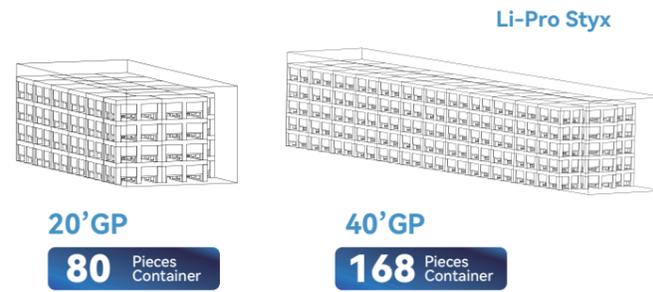
Li-Pro Series

51.2V Energy Storage Wall Batteries



The BSLBATT Li-Pro series of wall-mounted batteries, available in 5kWh, 10kWh, and 16kWh capacities, are designed to meet the diverse energy storage needs of modern households. The compact wall-mount design saves space, offers flexible and convenient installation, and is compatible with a wide range of mainstream inverters. With an IP65 waterproof and dustproof rating, it operates reliably even in challenging outdoor environments.

Packing Configuration		Li-Pro 5120	
Carton Dimensions	720*545*235mm		
Container	20'GP	40'GP	
Pieces Per Pallet	8	8	
Pallets Per Container	28	60	
Pieces Per Container	224	477	



Packing Configuration		Li-Pro 10240	
Carton Dimensions	855*645*280mm		
Container	20'GP	40'GP	
Pieces Per Pallet	6	6	
Pallets Per Container	20	42	
Pieces Per Container	120	252	

Packing Configuration		Li-Pro Styx	
Wooden Box Dimensions	930*660*415mm		
Container	20'GP	40'GP	
Pieces Per Pallet	1	1	
Pallets Per Container	80	168	
Pieces Per Container	80	168	

Model	Li-Pro 5120	Li-Pro 10240	Li-Pro Styx	
Battery Type	LiFePO4	LiFePO4	LiFePO4	
Nominal Voltage (V)	51.2	51.52	51.2	
Nominal Capacity (Wh)	5120	10304	16076	
Usable Capacity (Wh)	4864	9788	15272	
Cell & Method	16S1P	16S1P	16S1P	
Dimension (mm)(W*D*H)	450*145*660 (±3)	530*190*760 (±3)	660*415*930 (±3) (With wheels)	
Weight (Kg)	50 ±1%	90 ±1%	131 (With Base : 137) ±1%	
Discharge Voltage (V)	47			
Charge Voltage (V)	55			
Charge	Rate. Current / Power	50A / 2.56kW	100A / 5.12kW	80A / 5.12kW
	Max. Current / Power	80A / 4.096kW	160A / 8.192kW	160A / 8.192kW
	Peak Current / Power	110A / 5.632kW	210A / 10.752kW	210A / 10.752kW
Discharging	Rate. Current / Power	100A / 5.12kW	200A / 10.24kW	200A / 10.24kW
	Max. Current / Power	120A / 6.144kW, 1s	220A / 11.264kW, 1s	220A / 11.264kW, 1s
	Peak Current / Power	150A / 7.68kW, 1s	250A / 12.80kW, 1s	250A / 12.80kW, 1s
Communication	RS232, RS485, CAN, WIFI, Bluetooth			
Depth Of Discharge (%)	95%			
Scalability	Up to 15 units in parallel			
Working Temperature	Charge	0~55°C		
	Discharge	-20~55°C		
Storage Temperature	0~35°C			
Short Circuit Current /Duration Time	350A, Delay time 500µs			
Cooling Type	Natural			
Protection Level	IP65			
Monthly Self-discharge	≤ 3%/month			
Humidity	≤ 60% ROH			
Altitude (m)	< 4000			
Warranty	10 Years			
Design Life	> 15 Years (25°C / 77°F)			
Cycle Life	> 6000 cycles, 25°C		> 8000 cycles, 25°C	
Transport Certificates	UN38.3, MSDS			
Safety Certifications	CE, IEC 62619, IEC 62040, IEC 62477 (Li-PRO 5120 not included)			

Note: Customized models and adjusted parameters are available upon request.

PowerLine Series

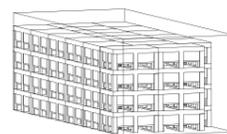
51.2V LiFePO4 Solar Wall Batteries



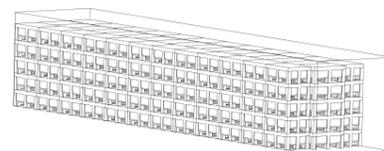
PowerLine Series wall-mounted battery boasts a 5kWh energy storage capacity and stands out with its ultra-thin design. Its slim appearance not only saves installation space but also blends seamlessly into any home environment, combining practicality with aesthetics. It uses highly safe LiFePO₄ cells and an intelligent management system, it provides reliable and stable green energy storage for families, making energy storage less bulky.

Packing Configuration

Carton Dimensions	790*592*170mm	
Container	20'GP	40'GP
Pieces Per Pallet	9	9
Pallets Per Container	20	48
Pieces Per Container	180	432



20'GP
180 Pieces Container



40'GP
432 Pieces Container

Model	PowerLine-5	
Nominal energy	LiFePO4	
Nominal Voltage (V)	51.2	
Nominal Capacity (Wh)	5120	
Usable Capacity (Wh)	4864	
Cell & Method	16S1P	
Dimension (mm)(W*D*H)	540*90*700 (±3)	
Weight (Kg)	48.3 ±1%	
Discharge Voltage (V)	47	
Charge Voltage (V)	55	
Charge	Rate. Current / Power	40A / 2.04kW
	Max. Current / Power	80A / 4.096kW
	Peak Current / Power	110A / 5.632kW
Discharging	Rate. Current / Power	100A / 5.12kW
	Max. Current / Power	120A / 6.144kW, 1s
	Peak Current / Power	150A / 7.68kW, 1s
Communication	RS232, RS485, CAN, WIFI, Bluetooth	
Depth Of Discharge (%)	95%	
Scalability	Up to 32 units in parallel	
Working Temperature	Charge	0~55°C
	Discharge	-20~55°C
Storage Temperature	0~35°C	
Short Circuit Current /Duration Time	350A, Delay time 500µs	
Cooling Type	Natural	
Protection Level	IP20	
Monthly Self-discharge	≤ 3%/month	
Humidity	≤ 60% ROH	
Altitude (m)	< 4000	
Warranty	10 Years	
Design Life	> 15 Years (25°C / 77°F)	
Cycle Life	> 6000 cycles, 25°C	
Transport Certificates	UN38.3, MSDS	
Safety Certifications	CE	

Note: Customized models and adjusted parameters are available upon request.

B-LFP48-130PW ECO

51.2V Energy Storage Wall Batteries



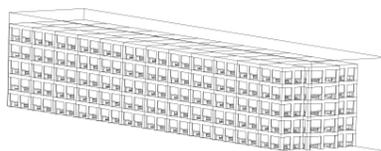
- Scalable, Up to 32 in Parallel
- 5 Years Warranty > 6000 Cycles
- 1.5C Discharge Rate, 2C (Optional)
- Tier 1 EVE Automotive Grade A Cells
- Built-in Pre-charge Resistor (Optional)
- Built-in Fire Fighting System (Optional)

The 130PW ECO series is a cost-effective wall-mounted battery designed for modern households and installers. Each cell has a 51.2V, 6.5kWh capacity. It utilizes BSLBATT's proprietary EVE 127Ah cells and boasts a high 2C discharge rate, providing reliable instantaneous power and long-term stability.

Packing Configuration		
Carton Dimensions	856*536*189mm	
Container	20'GP	40'GP
Pieces Per Pallet	8	8
Pallets Per Container	24	52
Pieces Per Container	192	416



20'GP
192 Pieces Container



40'GP
416 Pieces Container

Model		B-LFP48-130PW ECO
Battery Type	LiFePO4	
Nominal Voltage (V)	51.2	
Nominal Capacity (Wh)	6500	
Usable Capacity (Wh)	6175	
Cell & Method	16S1P	
Dimension (mm)(W*D*H)	460*120*780 (±3)	
Weight (Kg)	55 ±1%	
Discharge Voltage (V)	47	
Charge Voltage (V)	55	
Charge	Max. Current / Power	160A / 8.192kW
	Recommend Current / Power	127A / 6.502kW [2C (optional)]
Discharge	Max. Current / Power	200A / 10.240kW [2C (optional)]
	Recommend Current / Power	127A / 6.502kW [2C (optional)]
Communication	RS232, RS485, CAN, WIFI, Bluetooth	
Depth Of Discharge (%)	95%	
Scalability	Up to 32 units in parallel	
Working Temperature	Charge	0~55°C
	Discharge	-20~55°C
Storage Temperature	0~35°C	
Short Circuit Current/Duration Time	Enable	
Cooling Type	Natural	
Protection Level	IP20	
Monthly Self-discharge	≤ 3%/month	
Humidity	≤ 60% ROH	
Altitude (m)	< 2000	
Warranty	5 Years	
Design Life	> 10 Years (25°C / 77°F)	
Cycle Life (25±2°C)	> 6000 cycles	
Transport Certificate	UN38.3, MSDS	

PowerNest LV Series

All in One LV Integrated Energy Storage System



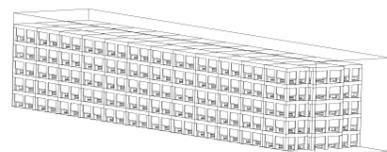
- All-in-one Design for Easy Installation
- Save Costs for Installers
- Tailor-made Energy Storage System
- Simplifies The Installation Process and Saves Time
- Suitable for Off-grid and Residential ESS
- Compatible with 5-15kW Inverters
- IP54 Outdoor Protection Level

BSLBATT's independently developed integrated energy storage system is fully compatible with both 5kWh and 10kWh rack batteries, providing customers with a pre-installed and optimally configured battery solution.

The system features comprehensive internal wiring and protection features, seamlessly integrating with mainstream 5-15kW inverter models for more efficient installation and flexible deployment.

This integrated design enhances overall stability and safety, reducing installation complexity for dealers and installers, and providing end users with a more reliable clean energy experience.

Packing Configuration	LV35
Wooden Box Dimensions	860*760*2440mm
Container	40' GP
Pieces Per Pallet	1
Pallets Per Container	30
Pieces Per Container	30



40' GP
30 Pieces Container

Model	LV15	LV20	LV25	LV35
Battery Parameters				
Cell	100Ah			
Rated Voltage	51.2V			
Combination	3P*16S1P	4P*16S1P	5P*16S1P	7P*16S1P
Rated Energy	15.36kWh	20.48kWh	25.6kWh	35.84kWh
PV Parameters				
Max. Input Power	6.5kW	10.4kW	13kW	22.5kW
MPPT Voltage Range	150V~425V	150V~425V	200V~650V	200V~650V
Input Rated Voltage	370V		550V	
Max. Input Current Per MPPT	13A+13A	26A+26A	26A+13A	36A+20A
Number Of MPPT	2/1+1	2/2+2	2/2+1	2/2+1
AC Parameters				
Rated AC Power	5kW	8kW	10kW	15kW
Rated AC Input/output Current	22.7A/21.7A	36.4A/34.8A	15.2A/14.5A	22.8A/21.8A
Rated AC Voltage	220V/230V 0.85Un-1.1Un		380V/400V 0.85Un-1.1Un	
Grid Connection	L+N+PE		3L+N+PE	
Voltage Frequency	50Hz/60Hz			
Power Factor	-0.8~0.8			
General Parameters				
Operating Temperature Range	-20~55°C			
Operating Humidity	0%~95%RH (Non-condensing)			
Altitude	2000m			
Cooling Method	Intelligent air-cooled			
Communication Interface	RS232, RS485, CAN			
Number of Cycles	> 6000 cycles, 25°C			
Protection Level	IP54			
Dimension (mm)(W*D*H)	700*800+1600 (±5)	700*800+1800 (±5)	700*800+1900 (±5)	700*800+2300 (±5)
Weight(kg)	311 ±3%	384 ±3%	451 ±3%	587 ±3%

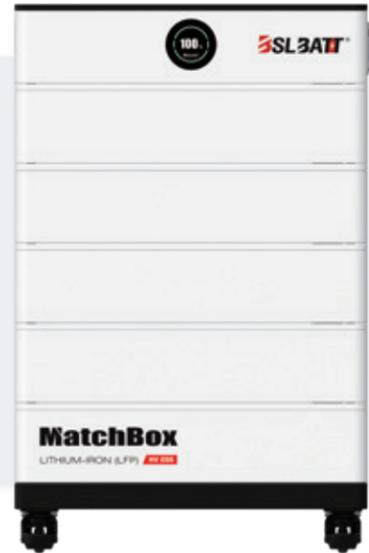
Note: Customized models and adjusted parameters are available upon request.

Cabinet is Compatible with the Following inverter Brands



MatchBox HVS Series

High Voltage Stackable System



- Cobalt Free Lithium Iron Phosphate (LFP) Battery
- Built-in Fire Protection System (Optional)
- Max.5 MatchBox HVS in Parallel
- Modular Design, Plug and Play
- CCS Standard Battery Module
- 10 Years Warranty > 6000 Cycles

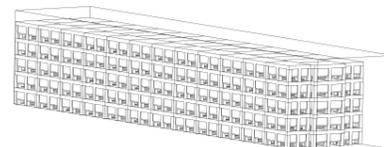
The BSLBATT high-voltage stackable battery features a modular design, with each pack offering 102.4V and 52Ah, allowing for flexible combinations to meet varying capacity requirements. Designed specifically for three-phase residential energy storage systems, it provides stable and efficient power output while balancing performance and safety.

The compact stackable structure facilitates installation and expansion, making home energy storage systems both flexible and reliable, while supporting long-term, efficient operation. It is an ideal solution for homes seeking high performance and high availability.

Packing Configuration		HVS7	
Wooden Box Dimensions	745*430*220mm		
Container	20'GP	40'GP	
Pieces Per Pallet	1	1	
Pallets Per Container	22	46	
Pieces Per Container	33	69	



20'GP
33 Pieces Container



40'GP
69 Pieces Container

Model	HVS3	HVS4	HVS5	HVS6	HVS7
Rated Voltage (V)	307.2	409.6	512	614.4	716.8
Cell Model (LFP-3.2V)	52Ah				
Battery Pack	32S1P 102.4V 5.32kWh				
System Configuration	96S1P	128S1P	160S1P	192S1P	224S1P
Number of Modules	3	4	5	6	7
Nominal Capacity (kWh)	15.97	21.29	26.62	31.94	37.27
Usable Capacity (kWh)	15.17	20.22	25.28	30.34	35.40
Charge Upper Voltage (V)	336	448	560	672	784
Discharge Lower Voltage (V)	268.8	358.4	448	537.6	627.2
Recommended Current	26A				
Rated DC Power (kW)	7.98	10.64	13.31	15.97	18.63
Maximum Charging Current	48A				
Maximum Discharging Current	52A				
Dimensions (mm)(W*D*H)	665*370*732 (±5)	665*370*881 (±5)	665*370*1031 (±5)	665*370*1180 (±5)	665*370*1330 (±5)
Weight	160kg ±3%	205kg ±3%	250kg ±3%	295kg ±3%	340kg ±3%
Communication Protocol	CAN BUS (Baud rate @500Kb/s @250Kb/s) / Mod bus RTU (@9600b/s)				
Host Software Protocol	CAN BUS (Baud rate @250Kb/s) / Wifi / Bluetooth				
Operation Temperature Range	Charge: 0~50°C Discharge: -10~55°C				
Cycle Life	> 6000 cycles				
Protection Level	IP65				
Depth Of Discharge (%)	95%				
Storage Temperature	0°C~35°C				
Storage Humidity	10%RH~90%RH				
Internal Impedance	≤1Ω				
Warranty	10 years				
Service Life	15-20 years				
Multi-group	Max. 5 systems in parallel				
Certification					
Safety Certifications	CE, IEC 62619, IEC 62040, IEC 62477 CEC Listed				
Hazardous Materials Classification	Class 9				
Transport Certificates	UN38.3, MSDS				

Battery Manager System(BMS)

Leading Smart BMS



- 50A-300A Multiple Discharge Rate Options
- Over 40+ Adaptive Inverter Protocol Selection
- Core Monitoring & Control
- System Communication Hub
- Data Intelligence & Logging
- Remote Management & Updates

BSL Cloud

APP Monitoring



- Dynamic Power Flow & Generation Report
- Real-time Monitoring & Comprehensive Visualization
- Multi-terminal Compatibility & Sharing
- Remote OTA Upgrade Reduce Maintenance Costs
- Integrated After-sales Service
- Backup Function & Data Encryption



BSL Cloud Cloud Energy Management

We're Using BSL Cloud to Simplify Your Life.

BSL Cloud is a comprehensive device management and monitoring solution designed for distributors, installers, and end-users.

Our software and apps are ideal for managing large-scale power stations and commercial and industrial energy storage systems.



- | | |
|---|---|
| <p>Core Monitoring & Control</p> <p>Real-time monitoring of battery voltage current, temperature and other parameters, and control according to the set parameter range.</p> | <p>System Communication Hub</p> <p>Receive control instructions from the external system and send battery status information, and process the received instructions and information.</p> |
| <p>Data Intelligence & Logging</p> <p>Process and analyze the collected battery parameters, and record and store the battery's operating status and historical data.</p> | <p>Remote Management & Updates</p> <p>Remote real-time monitoring, online parameter setting OTA software upgrade.</p> |

Battery DC Combiner Box

- Flexibly expands total system capacity and improves power supply reliability.



It simplifies battery system wiring and provides critical safety protection, making it an ideal choice for building modular, scalable, and highly reliable battery energy storage systems.



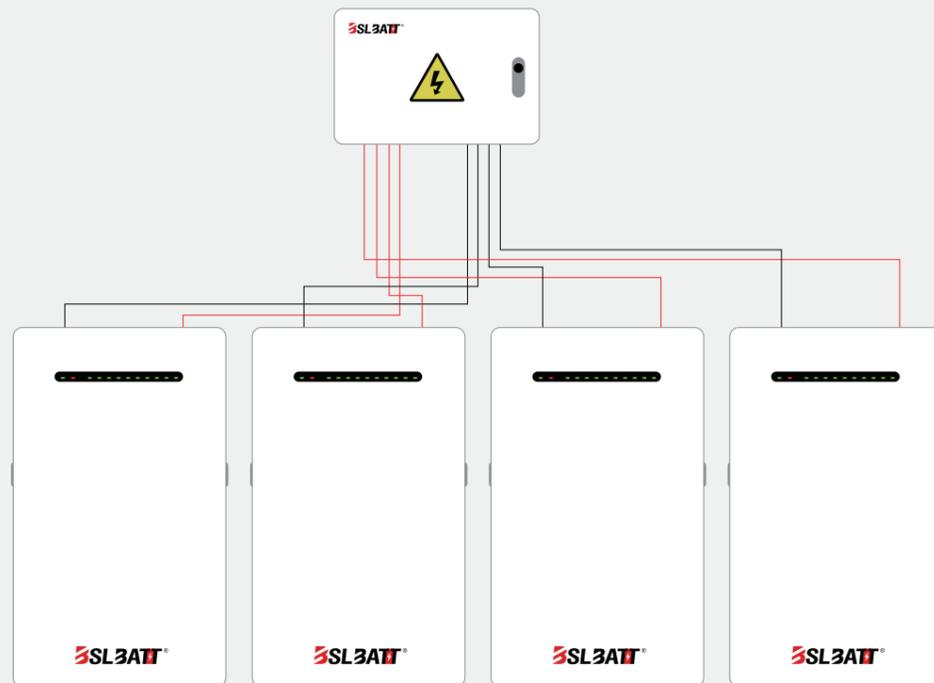
BOX-4



BOX-6



BOX-8

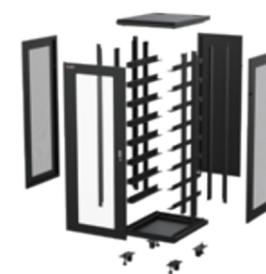


Rack Battery Cabinet

- Easy to install with minimal tools required Scalable to meet demands
- Capable of easy mobility and secure fixation Less footprint



Cabinet body is removable



Busbar (optional)



TRUSTED WORLDWIDE

Delivering Reliable Storage Solutions to

140,000+ Projects Globally



4* B-LFP48-200PW 40kWh



8* B-LFP48-170E 36kWh



3* PowerLine-5 15kWh



6* B-LFP48-200PW 60kWh



6* B-LFP48-200PW 60kWh



7* B-LFP48-200PW 70kWh



12* B-LFP48-100E 60kWh



3* B-LFP48-200PW 30kWh



96kW Deye Inverter /
10*B-LFP48-300PW
153kWh / 120kWp Panel



10* B-LFP48-200E 107kWh



3* B-LFP48-100E 15kWh



3* B-LFP48-100E 15kWh



6* B-LFP48-100E 30kWh



1* B-LFP48-100PW 5kWh



2* B-LFP48-200PW 20kWh



4* B-LFP48-200E 40kWh



1* B-LFP48-200PW 10kWh



2* B-LFP48-200PW 20kWh



4* PowerLine-5 20kWh



2* PowerLine-5 10kWh



3* B-LFP48-100PW 15kWh



6* PowerLine -5 30kWh

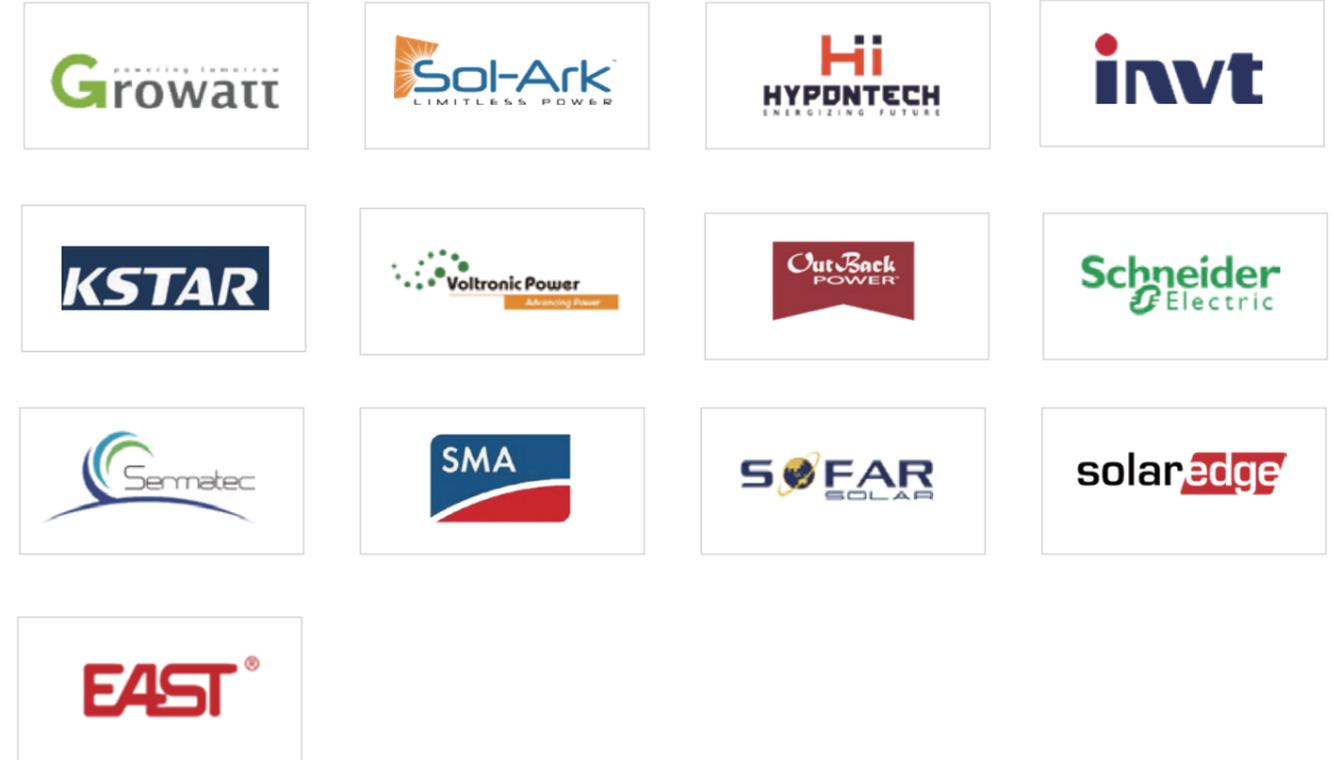
Inverter Brands

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Compatible Brands



BSLBATT: Leading global lithium-ion energy storage solutions. Powering the solar boom with affordable, innovative batteries for homes and businesses.

From residential solar to industrial-scale storage, we deliver standardized, cost-effective solutions. Experience our commitment to quality in every battery.

Your challenge, our mission.



Behind Every Battery is A Promise

-Tested, Packed, and ready to power homes and businesses around the world.



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BSL NEW ENERGY TECHNOLOGY CO., LTD.

www.bsl-battery.com
Call: +86-752-2819-469
E-mail: inquiry@bsl-battery.com

8F, Building D-2-3, 1F, Building D-2-3, 8F, Building D-2-2, No.6,
Xingyuan North Road, Starting Area China-Korea Huizhou Industrial Park,
Zhongkai District, Huizhou City, Guangdong, P.R. China

BSL NEW ENERGY(USA) TECHNOLOGY CO., LTD.

www.bsl-battery.com
Call: +1(520)861-3970
E-mail: sales@bslbattery.us

1036 Jacobson Road Suite #200 Garland TX 75042

BSL New Energy Technology European B.V.

www.bsl-battery.com
Call: +31 6 27 58 46 03 | +31 627 583 933
E-mail: inquiry@bsl-battery.com

Jollemanhof 22, 1019GW Amsterdam, Netherlands

BSLバッテリー 株式会社

www.bsl-battery.com
Call: +81-70-1529-6797
E-mail: inquiry@bsl-battery.com

〒114-0002 東京都北区王子4丁目26-2 2F