



GREEN & INNOVATION & SUSTAINABLE

BSL NEW ENERGY TECHNOLOGY CO., LTD

Powering a sustainable future with smart
and reliable LiFePO₄ energy storage.



Company Key Takeaways

Founded: 2011

Founder: Eric Yi (Current Chairman and CEO)

Headquarters: Guangdong, China

Listing Status: Targeted for listing on the National Equities Exchange and Quotations (NEEQ) in July 2026

Brand Meaning: "Providing the best lithium battery solutions"

Home Energy Storage

C&I Energy Storage

Telecom/UPS Battery



Automated Battery Production Line



BMS, PCS, EMS Technical Capabilities



Patented Battery Module Design

150,000 PCS

Batteries Installed

3+ GWh

Battery Capacity / Year



Company Overview

At BSLBATT, we're dedicated to providing high-quality lithium solar battery solutions for a sustainable future.

Global Reach

– Serving customers worldwide with cutting-edge energy storage technology.

Comprehensive Product Range

– Residential ESS, C&I ESS, UPS, Portable Batteries, etc.

Core Technologies

– Long cycle life, high safety, low-temperature resistance, anti-thermal runaway.

What We Do

– Drive renewable energy transformation and become a leader in lithium battery energy storage.



R&D Staff

100 +

R&D and Production

25,000 m²

Number of Employees

300 +

Performance Growth Rate

130% /Year

Company History

Three Major Milestones

Battery Experience

24+ Years

R&D Engineer

100+ Staff

Reduction in CO₂

1.54 + MM Ts

2013-2017

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

2011-2012

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

2018-2020

- Established Dongguan energy storage battery factory
- Launched the first wall-mounted battery for household storage
- Became the #3 Chinese battery brand globally listed on Victron compatibility list

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

2021-2023

- Established branches in the Netherlands, USA, Mexico, and South Africa
- 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)

2011 >>>

2025 >>>

Mission

Cut Carbon and Power a Cleaner, Greener Future With Advanced Energy Storage.

Vision

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

Values

· Safety · Quality · Innovation · Sustainability.



Our Keywords



Powered by Growth

○ Sales Performance in 2024

523 Million RMB

72.68 Million USD

90% Overseas Share

130% Annual Growth

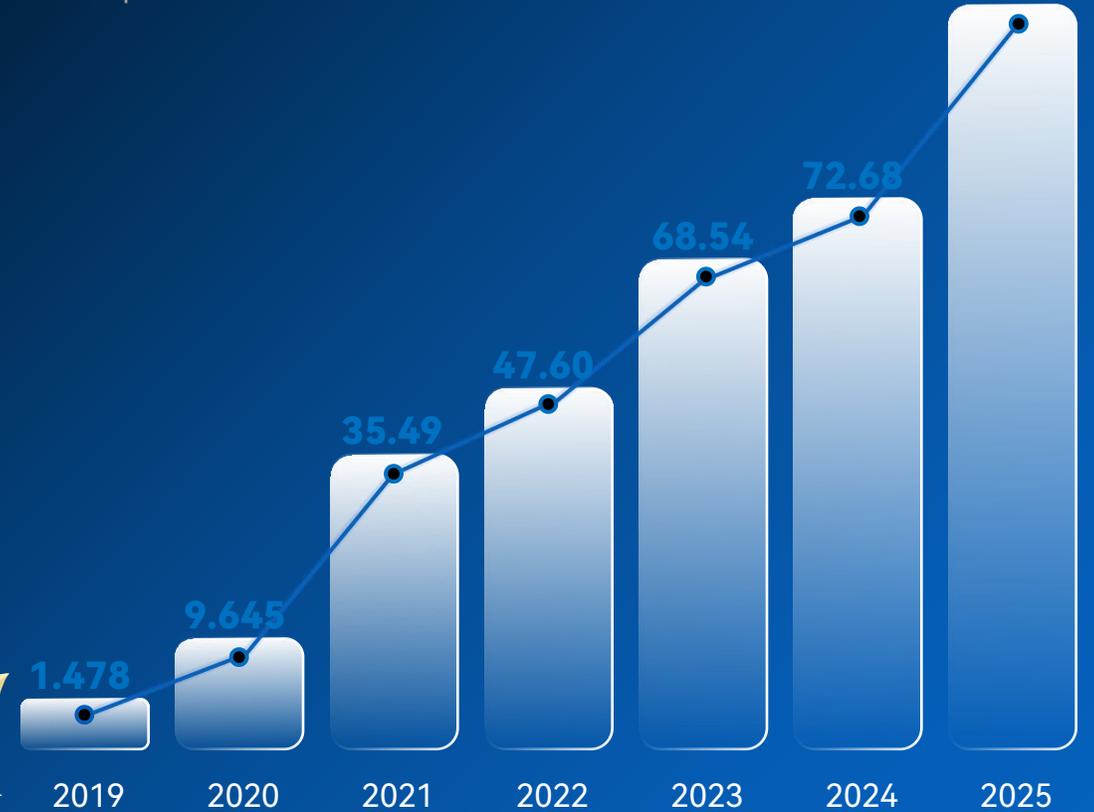
20% New Market Growth



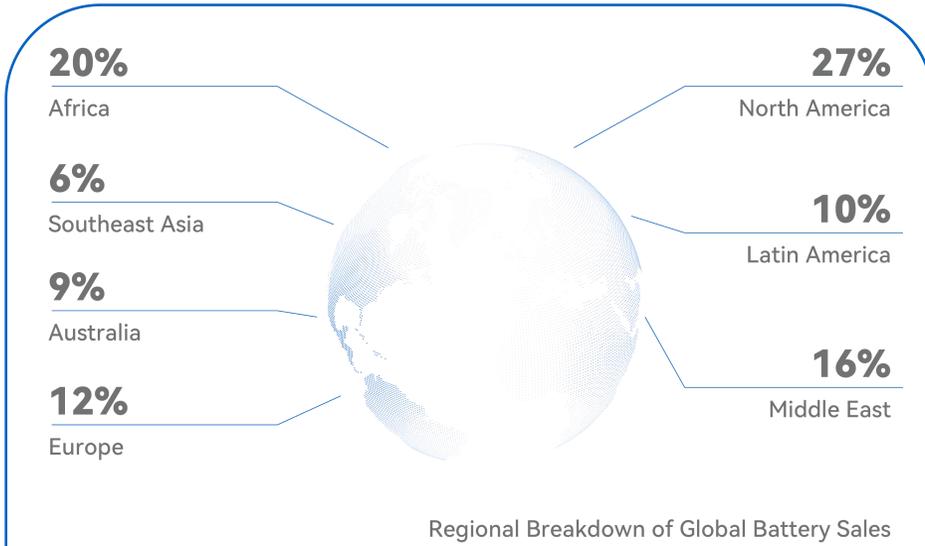
Continuous Growth for 7 Years

Unit: Million \$

Data refresh
in progress



Global Distribution



141 +
Export Countries

9 +
Global Offices

118 +
Global Distributors

A GLOBAL NETWORK OF TRUSTPOWERING ENERGY FREEDOM



Company Honors



Trusted Technology, Global Partnerships



20+ Honors



60

Invention Patents



05

Software Copyright



Quality You Can See



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



Create Greater Value for Customers

Customer-oriented, with quality as the cornerstone, starting from the most basic energy storage needs of users, polishing every product detail and becoming a benchmark in the industry.



Automated Manufacturing

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.

100%
Welding
Efficiency

7
Production
Tests



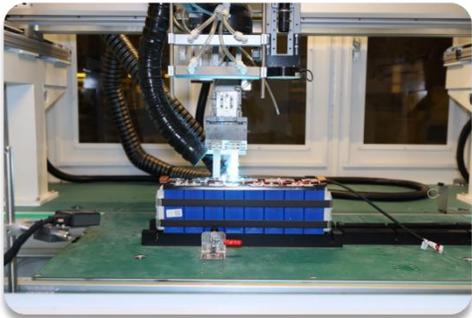
Cell sorting



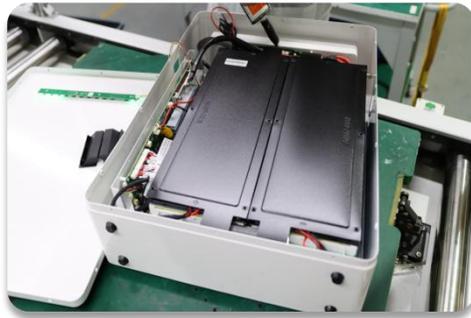
OCV Testing



Module Assembly



CCS Welding



Module Into the Housing



Aging Testing



Six-axis Robot

Ensuring Excellence at Every Stage



Battery Cell Testing



BMS Test Equipment



Waterproof Test Area



High and Low Temperature Testing



HV Battery Test Equipment



Inverter Test Area

LFP Cell - Cooperation Brands



Our Strategic Partners

REPT
瑞浦兰钧

EVE 亿纬锂能

BSLBATT & EVE Strategic Cooperation Signing Ceremony



Always Tier One, Grade A+ Cell Composition



Ultra-Safe

Explosion-proof / No leakage



Super Long

Ultra-long life cycle

Battery Manager System (BMS)

LEADING SMART BMS

Developed & designed by BSLBATT



50A-300A

Multiple discharge rate options

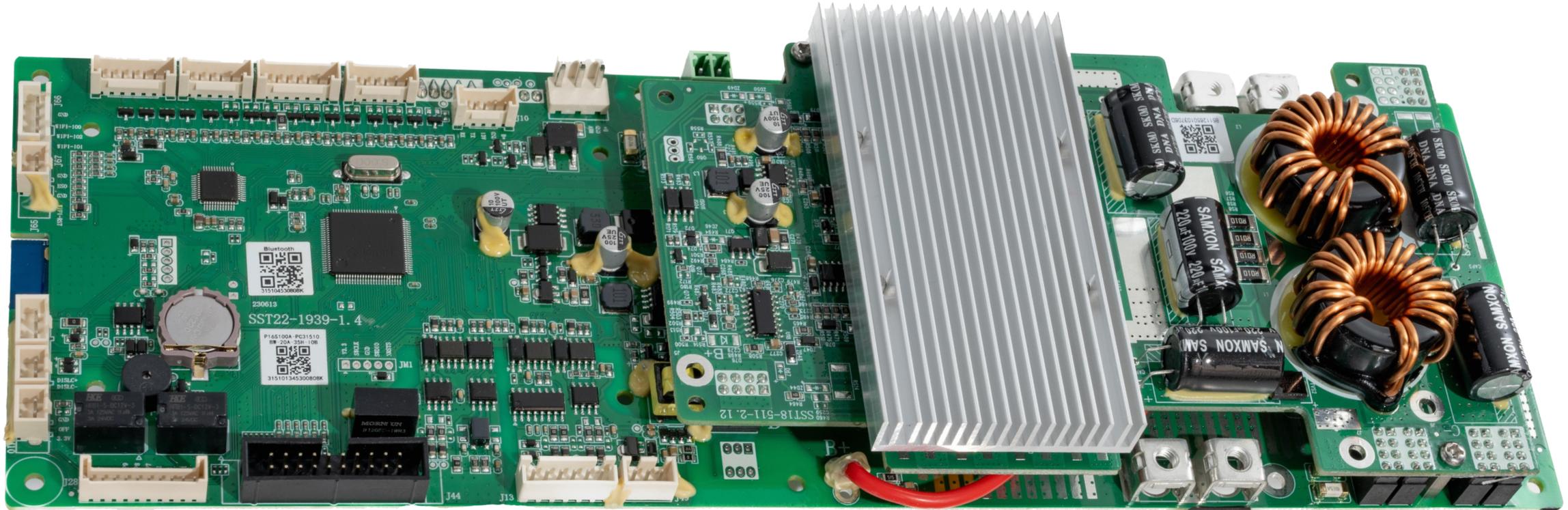


Over 40+

Adaptive inverter protocol selection

POWERFUL INTELLIGENT

Battery Manager System (BMS)



Detection & Control

Real-time monitoring of battery voltage, current, temperature and other parameters, and control according to the set parameter range.

Signal Processing

Receive control instructions from the external system and send battery status information, and process the received instructions and information.

Data Processing & Storage

Process and analyze the collected battery parameters, and record and store the battery's operating status and historical data.

Bluetooth, WiFi Function

Remote real-time monitoring, online parameter setting, OTA software upgrade

APP & Cloud Platform

Dynamic Power Flow & Generation Report

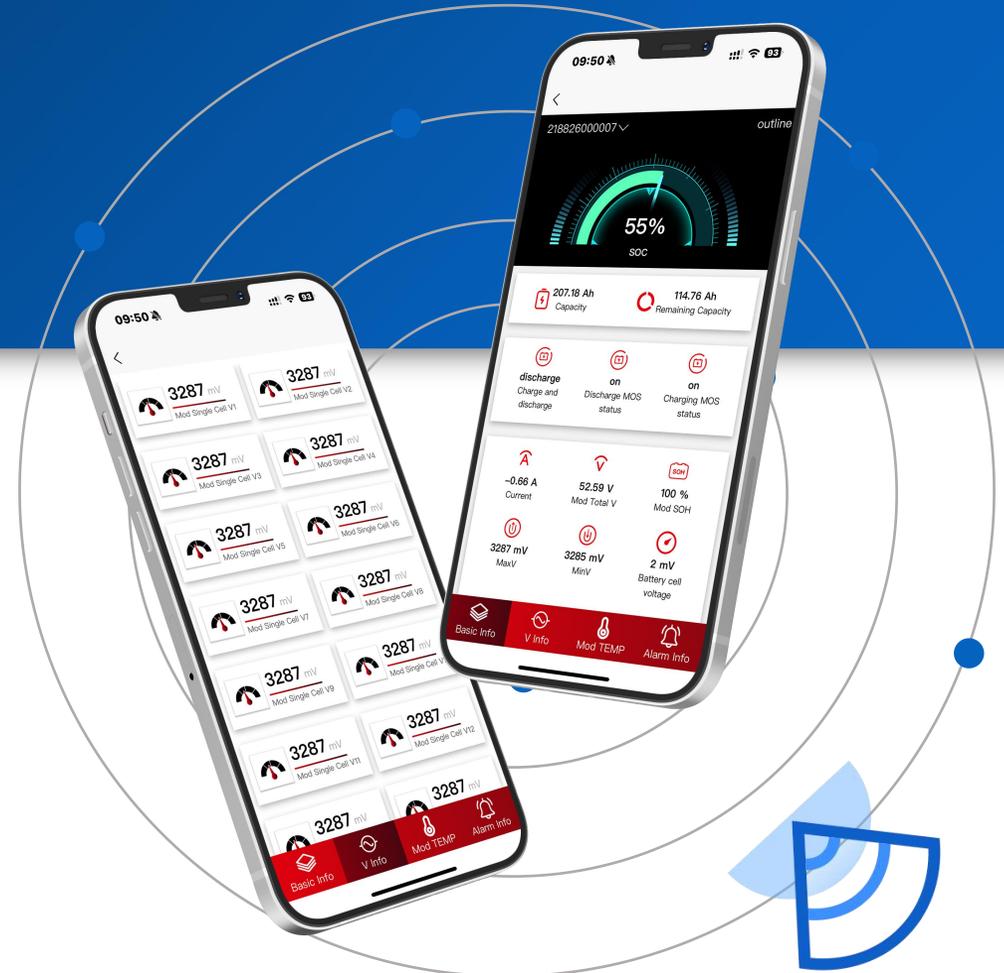
Real-time Monitoring & Comprehensive Visualization

Multi-terminal Compatibility & Sharing

Remote OTA Upgrade
Reduce Maintenance Costs

Integrated After-sales Service

Backup Function & Data Encryption

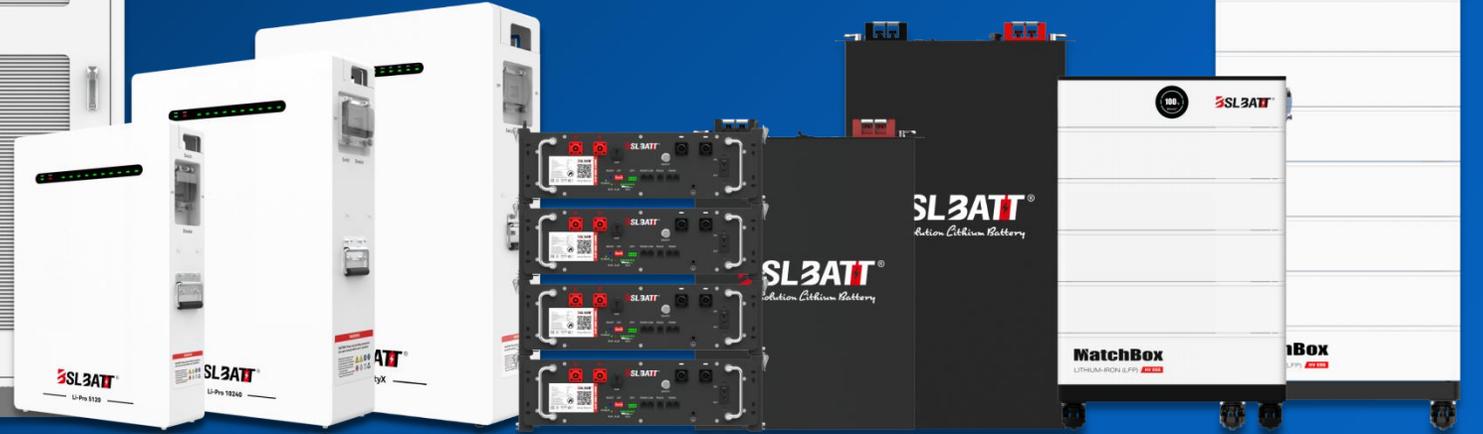


Home Energy Storage

15 - 30 kWh
51.2V | AIO System | IP54



5 - 15 kWh
51.2V | Rack Battery | IP20



5 - 16 kWh
51.2V | Wall Battery | IP20

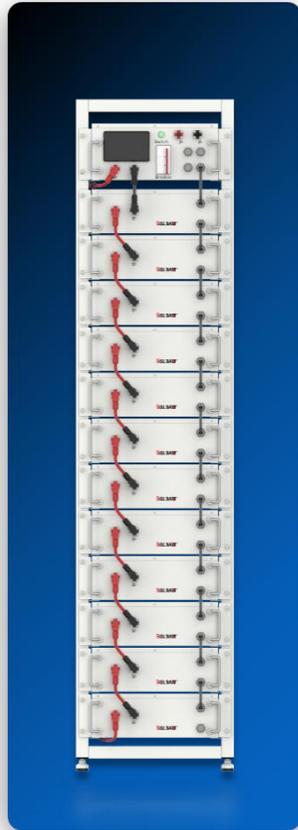
5 - 16 kWh
51.2V | Wall Battery | IP65

15 - 37 kWh
HV | Stackable | IP65



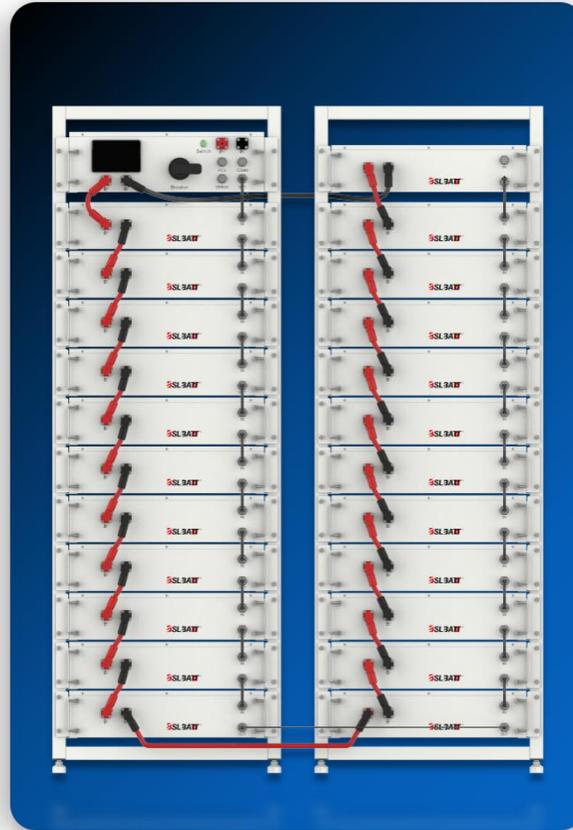
ESS-GRID HV PACK

288 - 806.4 V
38.88 - 108kWh



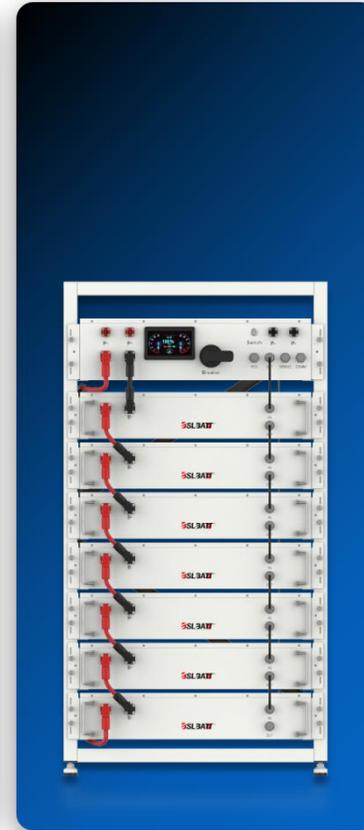
R60

256 - 614.4V
25.6 - 62.2kWh



ESS-BATT RX

268.8 - 806.4 V
54.81 - 164.50kWh



ESS- BATT RE

384 - 844.8 V
48.76 - 107.28kWh



ESS-GRID Sation

S205: 105 - 167.9kWh
S314: 160.7 - 257.22kWh



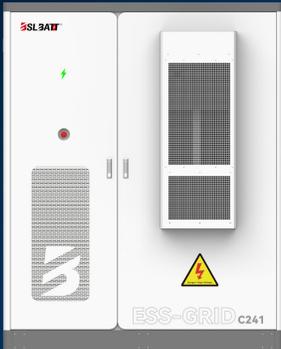
ESS-GRID FlexiO

- 500kW / 1.2MWh
1MWh / 2.4 MWh
- 500kW DC/DC
 - 500kW AC/DC
 - 241kWh Battery



ESS-GRID C241-X120

- PV + ESS + EV Charger
- 150kW DC/DC
 - 120kW AC/DC
 - 241kWh Battery
 - 120kW Charger Plie



ESS-GRID C241

- Air-cooled ESS
- 150kW DC/DC
 - 120kW AC/DC
 - 241kWh Battery



ESS-GRID LC125-250

- Liquid-cooled ESS
- 125kW AC/DC
 - 250kWh Battery



ESS-BATT 241C

- Air-cooled ESS
- 241kWh Battery
 - 225kWh Battery

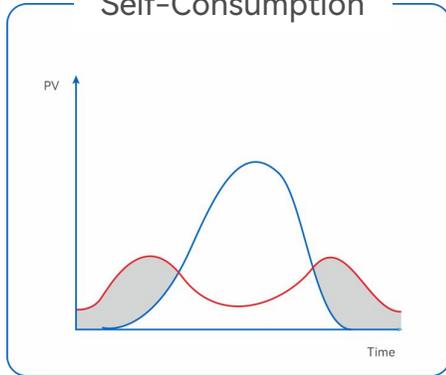


ESS-BATT NX77

- Air-cooled ESS
- 77 kWh Battery
 - 69kWh Battery
 - 61.4kWh Battery

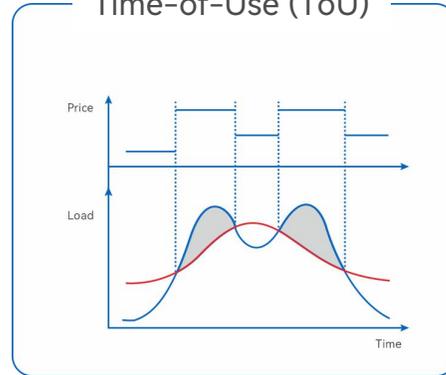
Sustainable Energy Solutions

Self-Consumption



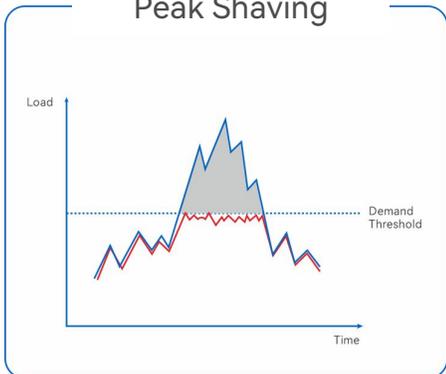
Battery energy storage systems can increase your photovoltaic self-consumption rate.

Time-of-Use (ToU)



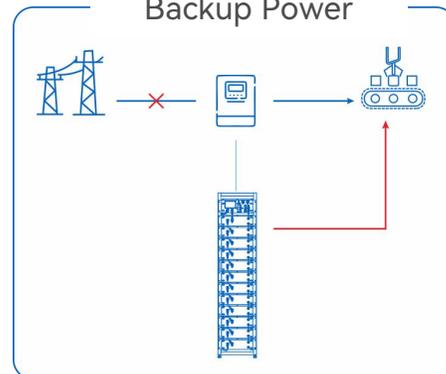
When electricity prices are high, the battery system's electricity is used; when electricity prices are low, the grid charges the battery.

Peak Shaving



When the grid peaks, battery power is used to ensure that the load runs at a smoother power.

Backup Power



In the event of a grid outage, the system will draw power from the battery bank to provide power to critical loads.

Maximize Benefits with ESS System operation Settings



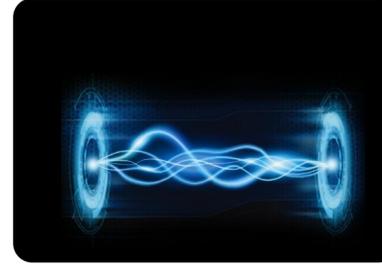
Ensured Electrical Safety

Multi-layer Features for Batteries



CCS Integrated

- ✓ Improved battery performance
- ✓ Adaptable to automated production
- ✓ Enhanced system reliability
- ✓ Easy maintenance



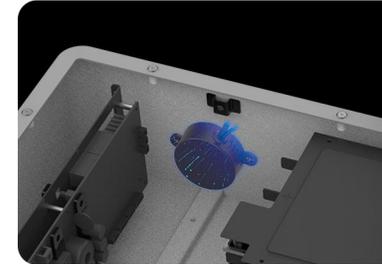
High-rate Discharge (1C)

- ✓ Supports high-power applications
- ✓ Reduces battery costs
- ✓ Quickly responds to load demands
- ✓ Improves energy efficiency



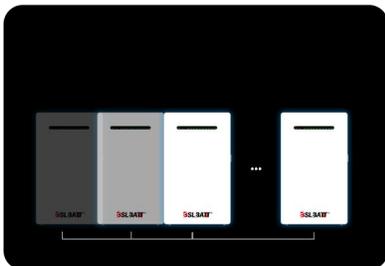
Pre-charge Resistor

- ✓ Limits current surges
- ✓ Protects circuit components
- ✓ Achieves smooth voltage development
- ✓ Optimizes charging efficiency and safety



Pack Fire Protection System

- ✓ Accurate positioning and early intervention
- ✓ Quick response and efficient fire extinguishing
- ✓ Resource conservation and cost-effectiveness
- ✓ Reduced risk of thermal runaway



Flexibility and Scalability

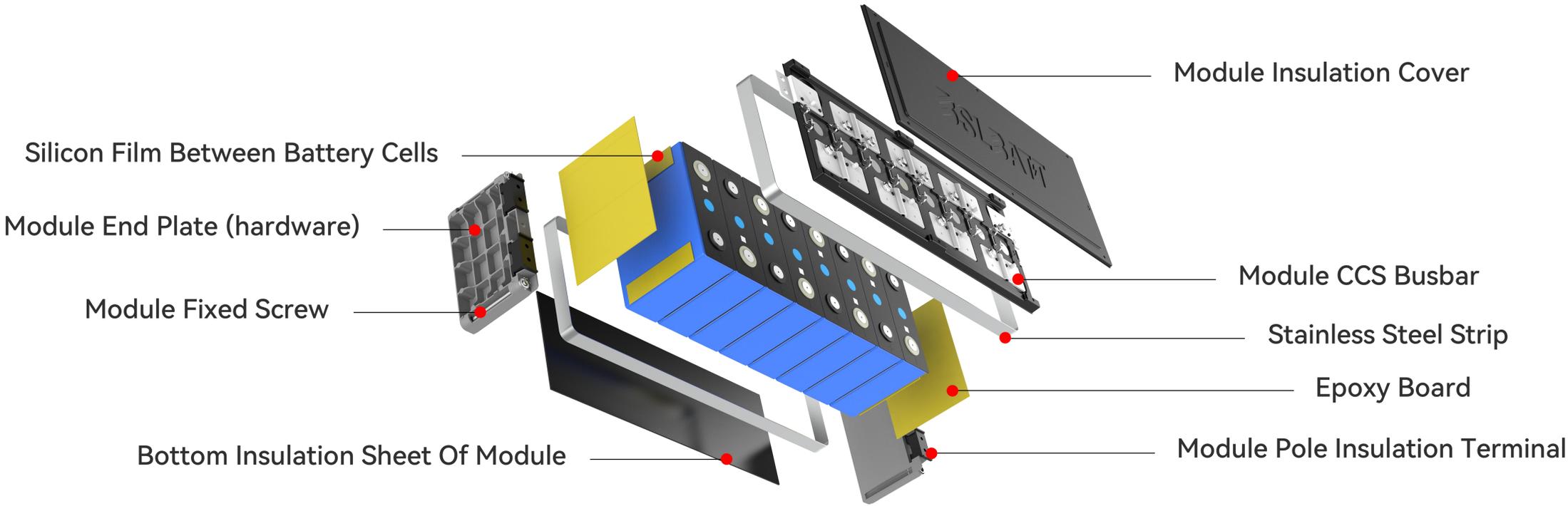
- ✓ On-demand expansion
- ✓ Adaptable to different scenarios
- ✓ Compact design
- ✓ Reduced initial investment



Cell-level Protection

- ✓ Overcharge/overdischarge protection
- ✓ Overvoltage/undervoltage protection
- ✓ Over-temperature protection

Schematic Diagram of Module Decomposition



Finished Product Display



Behind Every Battery is A Promise

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

Low Voltage



High Voltage



Global Cases



Delivering
Reliable Storage
Solutions to
150,000+
Projects Globally

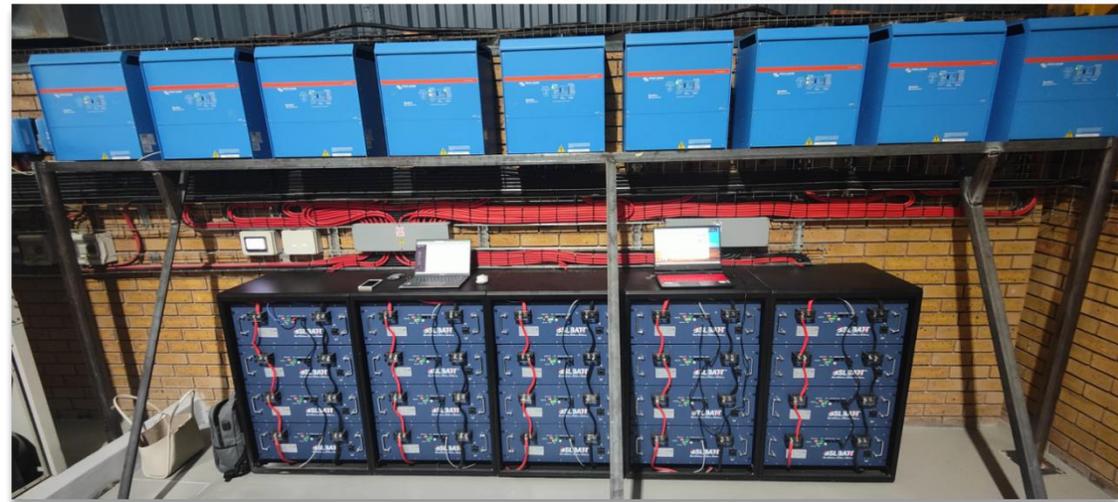
TRUSTED WORLDWIDE

Global Cases



What Makes
BSLBATT?

Trust, Quality,
Commitment



Global Cases



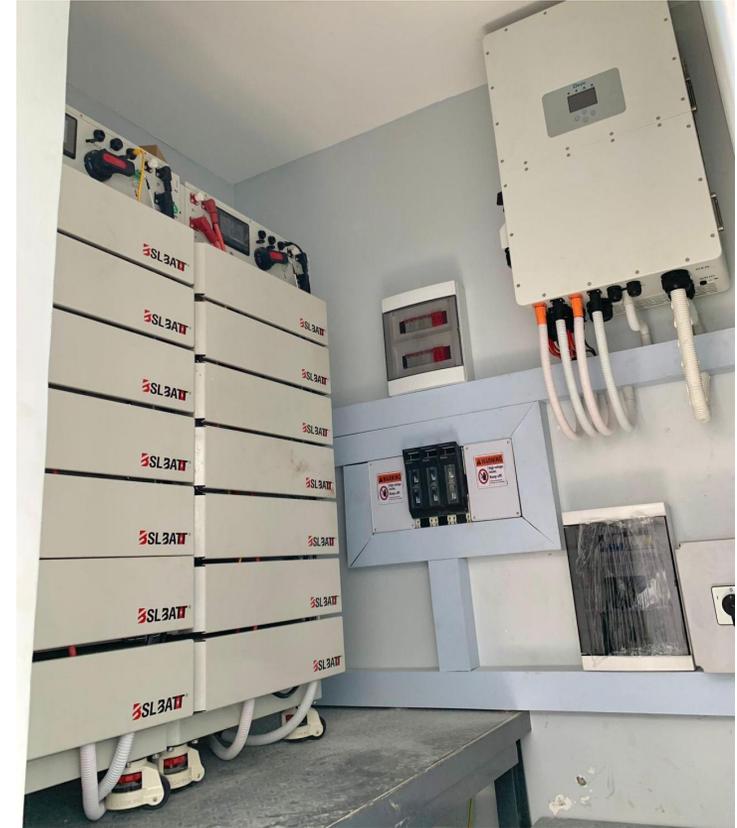
Self-Consumption

Netherlands 125kW / 241kWh



Backup & Cost Saving

Estonia 60kW / 210kWh



Backup & Cost Saving

Nigeria 50kW / 108.8kWh



Microgrid & Backup 250kW / 450kWh

Installed on a remote island in Malaysia to provide reliable power.



Microgrid & Backup 500kW / 900kWh

Installed on a remote island in Malaysia to provide reliable power.

Global Footprint - Our Trainings



Global Footprint - Our Exhibitions



WELCOME TO JOIN OUR DISTRIBUTOR SYSTEM

Product Quality & Reliability

Warranty & After-Sales Service

Free Additional Spare Parts



Competitive Pricing

Technical Support & Regular Training

Provide High-quality Marketing Materials

It's easy to become an industry leader when you're committed to designing and developing solar battery storage solutions equipped with groundbreaking innovations. 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.

Win-win | Change | Co-Creation | Integrity | Responsibility

ESS

LiFePO₄ & Renewable
Thank You!

BSL New Energy Technology Co.

BSLBATT[®]
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