

TECHNOLOGY LUSTER LIFE

2025.06

GENIXGREEN®

ENERGY — — STORAGE

SYSTEM SOLUTION LEADER

Residential, Commercial & Industrial Energy Storage Solution



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COMPANY PROFILE

ZWAYN New Energy Co., Ltd., established in 2011, adheres to innovative development concept and has rapidly developed into a technology-driven national high-tech enterprise integrating R&D, design, production, and sales of energy storage power. Our brand includes "GENIXGREEN", and our business covers more than 100 countries in Europe, America, Africa, Southeast Asia, and the Middle East, with overseas warehouses in Europe, Africa, and America.

As of December 2024, the globally installed capacity has reached 10 GWh, and the business is experiencing rapid development.

POWER ANYWHERE & ANYTIME

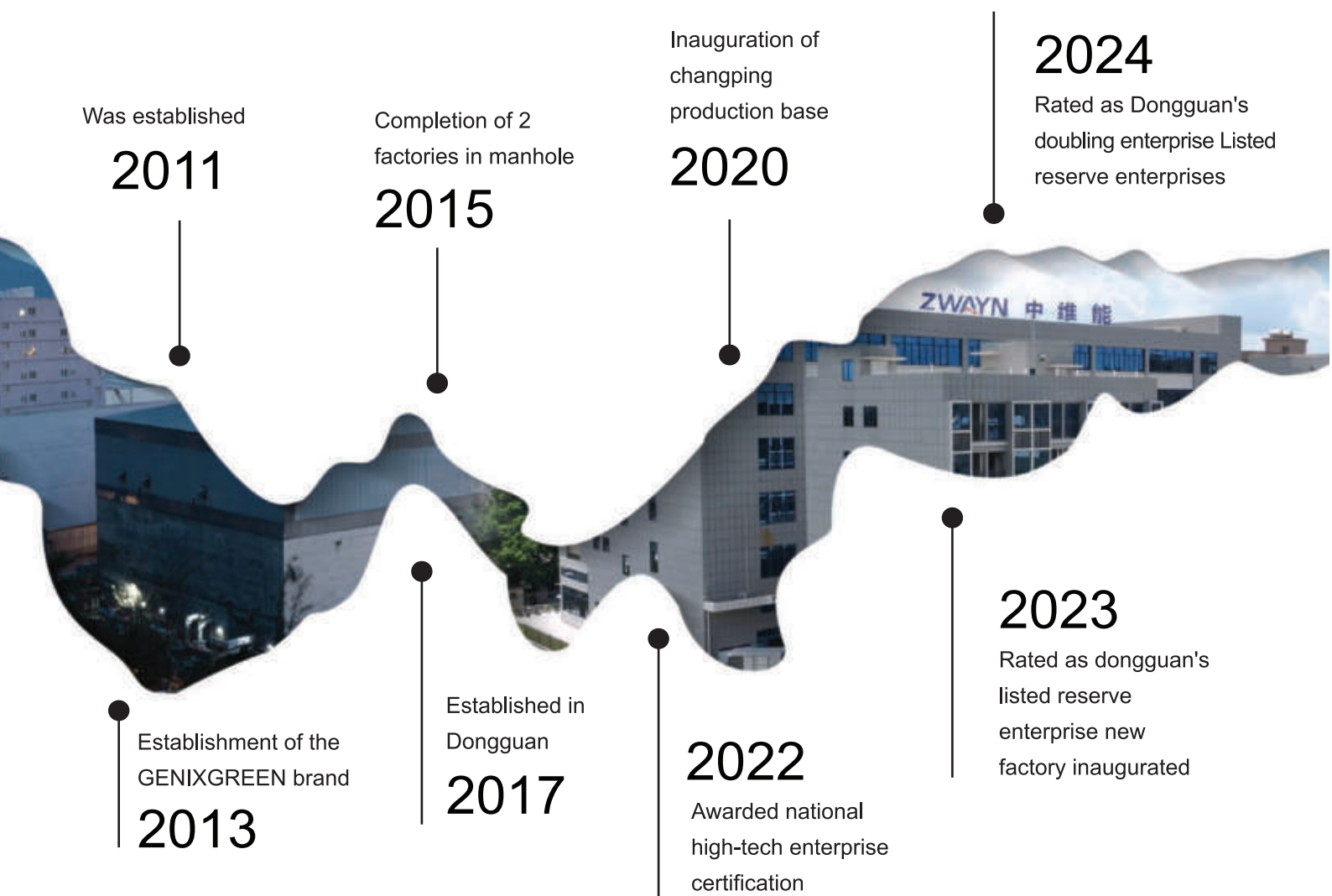
BRAND CONCEPT

Vision: Committed to being the vanguard of global green energy.

Mission: Provide safe, reliable, and intelligent energy storage systems.

Values: Customer-first, innovation-driven, open and inclusive, pursuit of excellence.

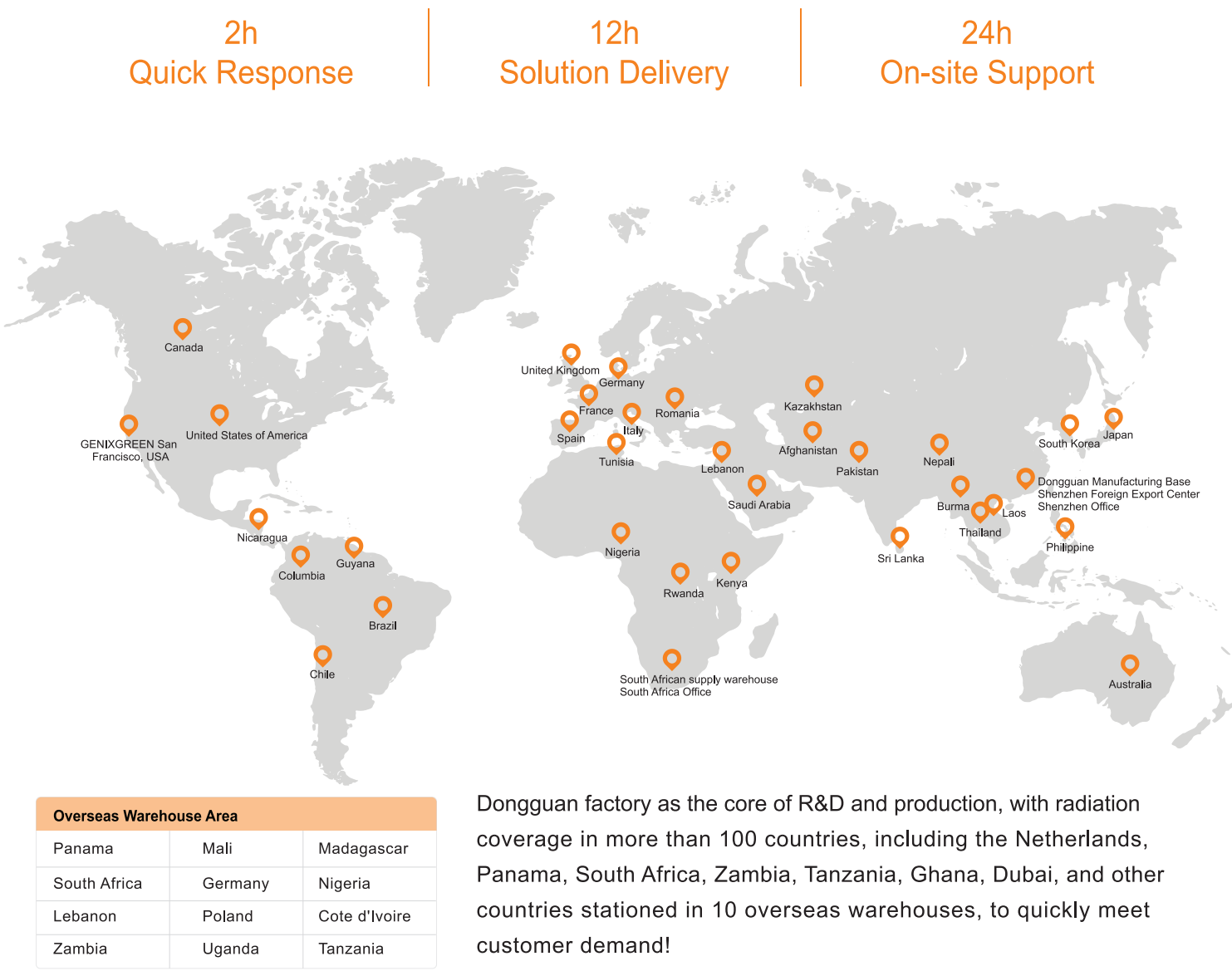
MILESTONES



COMPANY STRENGTH



Global Marketing Service Layout



COMPANY MEDAL

65+ International standards battery certificates



60+ R&D design innovation patents and International factory quality certificates



6 CORE TECHNOLOGY



01

Safety

Adopting industry-leading nanosafety coating battery cells, reducing the reactivity of materials and electrolytes, and improving the thermodynamic stability of battery cells.



02

Stability

Relying on BMS monitoring to comprehensively improve system safety and stability.



03

Intelligence

An intelligent management system can monitor the working status and data of battery cells in real-time, making battery management more intelligent.



04

Cloud data

The industry-leading AIoT battery management system combines artificial intelligence with technology to improve product performance.



05

High efficiency

By using technological methods to optimize the battery system and architecture, the system efficiency exceeds 95%.



06

High energy ratio

The combination of technology, intelligence, and high-stability products effectively improves the efficiency and lifespan of products, reducing costs and increasing efficiency.

GENIXGREEN SmartCore

Redefining Standards for Residential & High-Voltage BMS,
the AI-Powered Expert in Safer, Smarter and Durable Energy Management.

Technology Leadership

Fully Self-Developed AI BMS Chip,
Precision Control for Every Watt

10-Year
Warranty



Intelligence & Efficiency

Cloud + Edge Computing Dual
Engine, **30%** Efficiency Boost

Market Differentiation

- Innovative High-Voltage Fast-Charging BMS Technology, 50% Longer Cycle Life at 1500V Platform
- Customized Residential BMS Expert, Compatible with Global Energy Storage Systems

Safety & Reliability

Validated by **200+** Rigorous Tests,
Backed by 10-Year Warranty



1.1 BMS features highlight 1

High-level safety.

- Our product can withstand an external short-circuit current of up to 1400A.
- Our product can withstand multiple external short circuits and ensure safety.
- It can distinguish instantaneous current surges and provide short-circuit protection. Avoid unnecessary frequent protection.

1.2 BMS features highlight 2

Support up to 100,000uf pre-charge capacitor

- High pre-charge capability can minimum BMS damage.
- It can also solve the fault short circuit protection.
- It can distinguish instantaneous current impact and short-circuit protection. Avoid unnecessary frequent protection.

1.3 BMS features highlight 3

Better heat tolerate (Lower temperature rise)

- Choose MOS devices with better performance.

1.4 BMS features highlight 4

High compatibility.

- Automatically identify and adapt to the vast majority of inverter products and protocols.
- Multiple protocol selection modes: screen selection, upper computer, dip code, and APP.

1.5 BMS features highlight 5-IOT services

Rich and powerful IOT services

- Remote monitoring, remote OTA upgrade.
- Remote capture of communication data between BMS and inverter.
- Cloud platform, and data analysis.
- Powerful app.

2.1 HV BMS features highlight 1

Automotive-grade electronic components, NFE acquisition using imported chips,
stable and reliable hardware

2.2 HV BMS features highlight 2

Smart Cloud BMS System — Scalable, High-Voltage Precision Control

- Support multi-packet parallel automatic networking.
- A single cluster supports 25 slave machines and can manage a maximum of 25*400 strings of batteries.
- Supports a maximum voltage platform of 1500V, with an insulation withstand voltage rating of 5000V.
- Cloud-based all-time balancing technology, the full life cycle of individual imbalance is less than 20mV.
- Dual management of cooling and heating to ensure the working temperature range.

2.3 HV BMS features highlight 3

Smart Cloud BMS System — Scalable, High-Voltage Precision Control

- AI self-learning security algorithm, active early warning of potential risks.
- Neural network model + multi-factor correction leads to higher SOC estimation accuracy.
- Hardware pre-charging circuit + software circulating current algorithm to effectively manage circulating current problems.
- Rich epitaxial interfaces, and interlocking control of PCS and EMS.
- BMS intelligent hardware + cloud platform + APP overall solution.

2.4 HV BMS features highlight 4

- The battery data was transmitted to the cloud platform through the BMS, and the battery status was presented based on the data.
- The multi-dimensional data analysis chart was provided, which could intuitively reflect the running status of single and batch batteries.
- Battery monitoring is also equipped with APP and applet versions, which can understand the battery status at any time and anywhere.

2.5 HV BMS features highlight 5

- After the BMS adds the data transmission function, it supports the online seamless OTA function, which is very convenient for subsequent on-site application matching or policy optimization.
- A strict permission management mechanism ensures security.
- At present, the OTA technology of Youdan has been widely commercialized and applied for more than four years, with a total of nearly 100,000 OTA executions.

2.6 HV BMS features highlight 6

- The data-based remote balancing algorithm can precisely calculate the capacity differences among various battery cells on the platform server, thereby identifying the cells that need balancing and estimating the balancing time.
- The cloud then issues the balancing instructions to the terminal for execution, supporting 2A full-time balancing, which greatly improves the balancing efficiency, ensures the consistency of battery cells, and ultimately increases the vehicle's driving range.

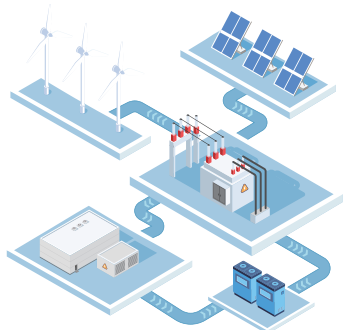
2.7 HV BMS features highlight 7

- The platform has deployed over thirty monitoring software programs, including data collection, statistics and monitoring, estimation of abnormal data changes, individual/group differences in temperature fields, abnormal changes in pressure differences, and deterioration of insulation characteristics (continuously enriched).
- It analyzes the data uploaded by batteries to the platform in real time and matches features from different dimensions to enhance the application safety of battery packs.

Household energy storage product



HV energy storage product





RESIDENTIAL PROJECT PLAN

Applicable scenarios

Suitable for various types of photovoltaic storage projects, with a system power of less than 5kW per unit and a high photovoltaic utilization rate.

Characteristics

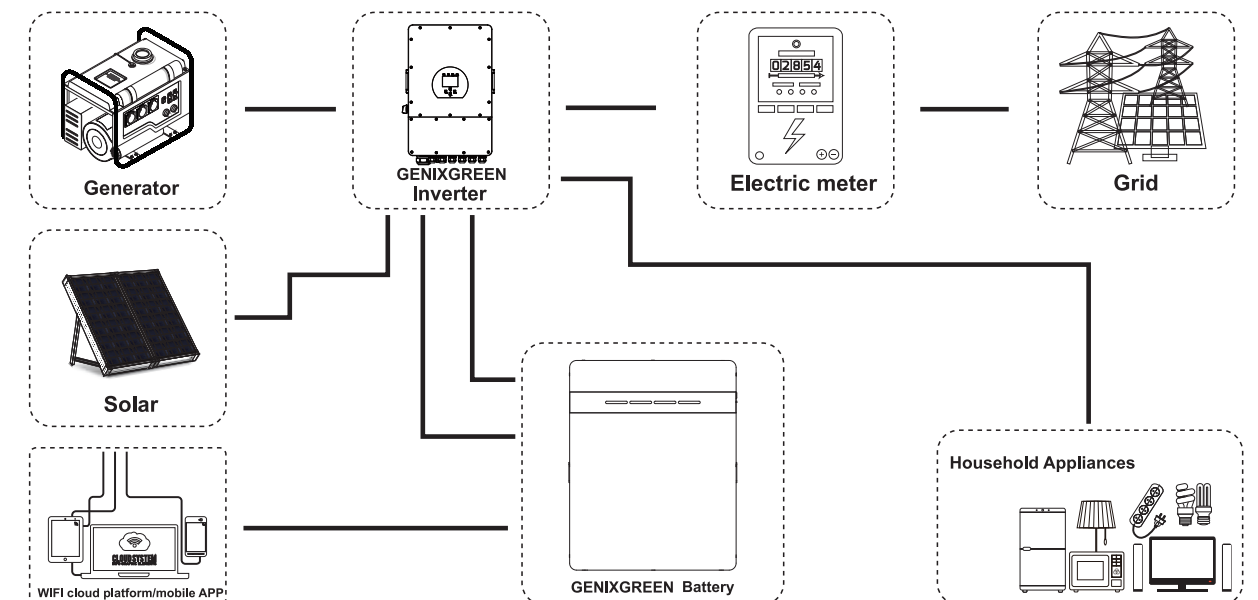
Flexible Expansion: Supports up to 16 parallel devices for use;

Long cycle and high lifespan: Lithium iron phosphate (LFP)>8000 cycles (80% DOD);

Easy installation: Floor standing or wall mounted;

Quick debugging Compatibility: Supports compatibility with mainstream inverter brands in the market.

LOW VOLTAGE LITHIUM BATTERY WORKING DIAGRAM



ES-BOX12 Series GEN1

51.2V Wall Mounted LiFePO4 Battery

5.12kWh/7.68kWh/10.24kWh/14.34kWh/16.08kWh



ES-BOX12 Series GEN1

51.2V Wall Mounted LiFePO4 Battery

5.12kWh/7.68kWh/10.24kWh/14.34kWh/16.08kWh



Product Model	ES-BOX12	ES-BOX12 PRO	ES-BOX12 PLUS	ES-BOX12 MAX	ES-BOX12 MAX+
Nominal Energy	5.12kWh	7.68kWh	10.24kWh	14.34kWh	16.08kWh
Nominal Voltage	51.2V	51.2V	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	150Ah	200Ah	280Ah	314Ah
Cell Type	LFP	LFP	LFP	LFP	LFP
Standard Charge Voltage	56.8V	56.8V	56.8V	56.8V	56.8V
Max. Discharge Current	100A	150A	150A	200A	200A
Discharge Cut-off Voltage	44.8V	44.8V	44.8V	44.8V	44.8V
Parallel Function	Support 16 Units In Parallels				
Communication Interface	RS485、USB/RS232、CAN				
Cycle Life *	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)			≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)	
Charge Temperature Range	0~55°C				
Discharge Temperature Range	-20~55°C				
Certification	Pack: CEI 0-21/CE/IEC 62619/UL1973 by Intertek/MSDS/UN38.3 Cell: UL 1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3				
Dimension	480*600*150mm	480*650*180mm	480*650*225mm	490*840*242mm	490*840*242mm
Net Weight	52Kg	69Kg	89Kg	123Kg	127Kg
Installation Method	Wall Mounted/Floor Standing				
Warranty	5 Years(Under Warranty Terms)				
Energy Throughput ^[1]	11MWh	16MWh	22MWh	31MWh	35MWh
Optional	WiFi Remote Monitoring				

[1] Conditions apply, refer to GENIXGREEN warranty letter.

Product Features:

	Flexible installation, saving time and effort		1C/1C Continuous charge and discharge		5 years standard warranty
	Compatible with multiple inverter brands		WIFI Remote monitoring		Superior LiFePO4 safety performance
	Low voltage safety connection		Max.16 modules in parallel		Cloud management & monitoring OTA update remotely

ES-BOX12 Series GEN2
51.2V Wall Mounted LiFePO4 Battery

5.12kWh/10.24kWh/14.34kWh



ES-BOX12 Series GEN2
51.2V Wall Mounted LiFePO4 Battery

5.12kWh/10.24kWh/14.34kWh



Product Model	ES-BOX12	ES-BOX12 PLUS	ES-BOX12 MAX
Nominal Energy	5.12kWh	10.24kWh	14.34kWh
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	280Ah
Cell Type	LFP	LFP	LFP
Standard Charge Voltage	56.8V	56.8V	56.8V
Max. Discharge Current	100A	150A	200A
Discharge Cut-Off Voltage	44.8V	44.8V	44.8V
Parallel Function	Auto-dial CAN		
Communication Interface	RS485、USB、CAN		
Cycle Life *	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)		≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Charge Temperature Range	0~55°C		
Discharge Temperature Range	-20~55°C		
Certification	Pack: CE/MSDS/UN38.3 Cell: CE/IEC 62619 by TUV/UL1973 by Intertek/ROHS		
Dimension	480*600*150mm	480*650*240mm	490*840*242mm
Net Weight	52Kg	89Kg	123Kg
Installation Method	Wall Mounted/Floor Standing		
Warranty	5 Years(Under Warranty Terms)		
Energy Throughput ^[1]	11MWh	22MWh	31MWh
Optional	WiFi Remote Monitoring		

[1] Conditions apply, refer to GENIXGREEN warranty letter.

Product Features:



Flexible installation,
saving time and effort



1C/1C Continuous
charge and discharge



5 years standard warranty



Compatible with multiple
inverter brands



WIFI Remote monitoring



Superior LiFePO4 safety
performance



Low voltage safety
connection



Max.16 modules in parallel



Cloud management & monitoring
OTA update remotely

ES-BOX12S MAX/ES-BOX12S MAX+
25.6V Wall Mounted LiFePO4 Battery

7.618kWh/8kWh



ES-BOX12S MAX/ES-BOX12S MAX+
25.6V Wall Mounted LiFePO4 Battery

7.168kWh/8kWh



Product Model	ES-BOX12S MAX	ES-BOX12S MAX+
Nominal Energy	7.168kWh	8kWh
Nominal Voltage	25.6V	25.6V
Nominal Capacity	280Ah	314Ah
Cell Type	LFP	LFP
Standard Charge Voltage	28.4V	28.4V
Max.Discharge Current	150A	150A
Discharge Cut-off Voltage	22.4V	22.4V
Parallel Function	Support 16 Units In Parallels	
Communication Interface	RS485、USB、CAN	
Cycle Life *	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)	
Charge Temperature Range	0~55°C	
Discharge Temperature Range	-20~55°C	
Certification	Pack: CE/MSDS/UN38.3 Cell: CE/IEC 62619 by TUV/UL1973 by Intertek/ROHS	
Dimension	420*520*230mm	420*520*230mm
Net Weight	64Kg	68Kg
Installation Method	Wall Mounted/Floor Standing	
Warranty	5 Years(Under Warranty Terms)	
Energy Throughput ^[1]	15MWh	17MWh
Optional	WiFi Remote Monitoring	

[1] Conditions apply, refer to GENIXGREEN warranty letter.

Product Features:

 Flexible installation, saving time and effort	 1C/1C Continuous charge and discharge	 5 years standard warranty
 Compatible with multiple inverter brands	 WIFI Remote monitoring	 Superior LiFePO4 safety performance
 Low voltage safety connection	 Max.16 modules in parallel	 Cloud management & monitoring OTA update remotely

51.2V Wall Mounted LiFePo4 Battery

10kWh/16kWh



51.2V Wall Mounted LiFePO4 Battery

10kWh/16kWh



Product Model	ES-BOX36 PLUS	ES-BOX36 MAX
Nominal Energy	10.24kWh	16kWh
Nominal Voltage	51.2V	51.2V
Nominal Capacity	200Ah	314Ah
Cell Type	LFP	LFP
Standard Charge Voltage	56.8V	56.8V
Max. Discharge Current	150A	200A
Discharge Cut-Off Voltage	44.8V	44.8V
Parallel Function	Support 16 Units In Parallels	
Communication Interface	RS485、USB、CAN	
Cycle Life *	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Charge Temperature Range	0~55°C	
Discharge Temperature Range	-20~55°C	
Certification	UL/TUV IEC62619/EMC/CE/MSDS /UN38.3/ROHS	
Dimension	650*480*238mm	880*460*235mm
Net Weight	94Kg	126Kg
Installation Method	Wall Mounted/Floor Standing	
Warranty	5 Years(Under Warranty Terms)	
Energy Throughput ^[1]	22MWh	35MWh
Optional	WiFi Remote Monitoring	

[1] Conditions apply, refer to GENIXGREEN warranty letter.

Product Features:

	Flexible installation, saving time and effort		1C/1C Continuous charge and discharge		5 years standard warranty
	Compatible with multiple inverter brands		WIFI Remote monitoring		Superior LiFePO4 safety performance
	Low voltage safety connection		Max.16 modules in parallel		Cloud management & monitoring OTA update remotely

51.2V Wall Mounted LiFePO4 Battery

5.12kWh/10.24kWh



51.2V Wall Mounted LiFePO4 Battery

5.12kWh/10.24kWh



Product Model	ES-BOX11	ES-BOX11 PLUS
Nominal Energy	5.12kWh	10.24kWh
Nominal Voltage	51.2V	51.2V
Nominal Capacity	100Ah	200Ah
Cell Type	LFP	LFP
Standard Charge Voltage	56.8V	56.8V
Max. Discharge Current	100A	150A
Discharge Cut-Off Voltage	44.8V	44.8V
Parallel Function	Support 16 Units In Parallels	
Communication Interface	RS485、 USB、 CAN	
Cycle Life *	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)	
Charge Temperature Range	0~55°C	
Discharge Temperature Range	-20~55°C	
Certification	Pack: CE/MSDS/UN38.3 Cell: CE/IEC 62619 by TUV/UL1973 by Intertek/ROHS	
Dimension	510*600*153mm	510*675*235mm
Net Weight	52Kg	92Kg
Installation Method ^[1]	Wall Mounted/Floor Standing	
Warranty	5 Years(Under Warranty Terms)	
Energy Throughput	11MWh	22MWh
Optional	WiFi Remote Monitoring	

[1] Conditions apply, refer to GENIXGREEN warranty letter.

Product Features:

 Flexible installation, saving time and effort	 1C/1C Continuous charge and discharge	 5 years standard warranty
 Compatible with multiple inverter brands	 WIFI Remote monitoring	 Superior LiFePO4 safety performance
 Low voltage safety connection	 Max.16 modules in parallel	 Cloud management & monitoring OTA update remotely

51.2V Wall Mounted
LiFePO4 Battery

5.12kWh/10.24kWh/14.34kWh/16.08kWh



51.2V Wall Mounted
LiFePO4 Battery

5.12kWh/10.24kWh/14.34kWh/16.08kWh



Product Model	ES-BOX26	ES-BOX26 PLUS	ES-BOX26 MAX/ES-BOX26 MAX+
Nominal Energy	5.12kWh	10.24kWh	14.34kWh/16.08kWh
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	280Ah/314Ah
Cell Type	LFP	LFP	LFP
Standard Charge Voltage	56.8V	56.8V	56.8V
Max. Discharge Current	100A	150A	200A
Discharge Cut-Off Voltage	44.8V	44.8V	44.8V
Parallel Function	Support 16 Units In Parallels		
Communication Interface	RS485、USB、CAN		
Cycle Life *	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)		≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Charge Temperature Range	0~55°C		
Discharge Temperature Range	-20~55°C		
Certification	Pack: CEI 0-21/CE/IEC 62619/UL 1973 by Intertek/MSDS/UN38.3 Cell: UL 1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3		
Dimension	480*630*155mm	480*660*240mm	495*830*250mm
Net Weight	52Kg	89Kg	126Kg/130Kg
Installation Method	Wall Mounted/Floor Standing		
Warranty	5 Years(Under Warranty Terms)		
Energy Throughput ^[1]	11MWh	22MWh	31MWh/35MWh
Optional	WiFi Remote Monitoring		

[1] Conditions apply, refer to GENIXGREEN warranty letter.

Product Features:

Flexible installation, saving time and effort

1C/1C Continuous charge and discharge

5 years standard warranty

Compatible with multiple inverter brands

WIFI Remote monitoring

Superior LiFePO4 safety performance

Low voltage safety connection

Max.16 modules in parallel

Cloud management & monitoring
OTA update remotely

Rack Mounted Home Energy Storage

KS7/KS6/KS3 Series

5.12kWh/10.24kWh/14.34kWh



Rack-Mounted
Energy Storage Battery

5.12kWh/10.24kWh/14.34kWh



Rack-Mounted
Energy Storage Battery

5.12kWh/10.24kWh/14.34kWh



Product Model	ESS-KS7-16100	ESS-KS6-16200	ESS-KS3-16280
Nominal Energy	5.12kWh	10.24kWh	14.34kWh
Nominal Voltage	51.2V	51.2V	51.2V
Nominal Capacity	100Ah	200Ah	280Ah
Cell Type	LFP	LFP	LFP
Standard Charge Voltage	56.8V	56.8V	56.8V
Max. Discharge Current	100A	150A	200A
Discharge Cut-Off Voltage	44.8V	44.8V	44.8V
Parallel Function	Support 16 Units In Parallels		
Communication Interface	RS485、USB、CAN		
Cycle Life *	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)		≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Charge Temperature Range	0~55°C		
Discharge Temperature Range	-20~55°C		
Certification	Pack: IEC 62619/MSDS/UN38.3 Cell: UL 1642/IEC 62619/CE/EMC/ROHS/MSDS/UN38.3		
Dimension	440*440*132mm	468*475*235mm	620*520*230mm
Net Weight	44kg	81kg	114kg
Installation Method	Rack-mounted with Bracket		
Warranty	5 Years(Under Warranty Terms)		
Energy Throughput ^[1]	11MWh	22MWh	31MWh
Optional	WiFi Remote Monitoring		

[1] Conditions apply, refer to GENIXGREEN warranty letter.

Product Features:

Flexible installation, saving time and effort

1C/1C Continuous charge and discharge

5 years standard warranty

Compatible with multiple inverter brands

WIFI Remote monitoring

Superior LiFePO4 safety performance

Low voltage safety connection

Max.16 modules in parallel

Cloud management & monitoring
OTA update remotely

Low & High Voltage Integrated or Stacked Energy Storage



LV-ONE20L50 All In One
ESS Solution

Home Energy Storage System



LV-ONE20L50 All In One
ESS Solution



Product Model	LV-ONE20L50			
Nominal Energy	5.12kWh	10.24kWh	15.36kWh	20.48kWh
Nominal Voltage	51.2V			
Working Voltage	44.8V~56.8V			
Rated Charging/Discharging Current	0.25~1 C			
Max. Charging/Discharging Current	100A			
Rated Capacity	100Ah	200Ah	300Ah	400Ah
Communication Mode	RS485、USB、CAN			
Operating Temperature Range	Discharging-10~55			
Operating Humidity Range	5-85%RH			
Discharge Depth	80-90%RH			
Cycle Life *	≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)			
Protection Grade	IP20			
Dimension	935*670*176mm	1310*670*176mm	1685*670*176mm	2060*670*176mm
Net Weight	80Kg	129Kg	178Kg	227Kg
Warranty	5 Years(Under Warranty Terms)			
Energy Throughput ^[1]	11MWh	22MWh	33MWh	44MWh
Number Of Parallel Machines	Support 4 sets of stacking, can be stacked 20.48kWh			
AC Input Voltage	220/230/240VAC			
AC Input Frequency Range	50/60Hz(Adaptive)			
Output Rated Power	5000W			
Peak Power	5000VA			
AC Output Voltage	220/230/240VAC±5%			
Output Frequency	50/60Hz±0.1%			
Max. PV Open Circuit Voltage	500VDC			
MPPT Voltage Range	120~430VDC			
Max. PV Input Current	18A			
Max. AC Input Current	20A			
Max. AC Output Current	22.7A			
Display	LCD screen			
Certification	ROHS/MSDS/UN38.3			

[1] Conditions apply, refer to GENIXGREEN warranty letter.

Product Features:



All-in-one design, simple and generous appearance



Support for photovoltaic and grid charging, fast and convenient



With peak mode, effectively reduce electricity costs



Built-in 5.12kWh battery, long-lasting power supply



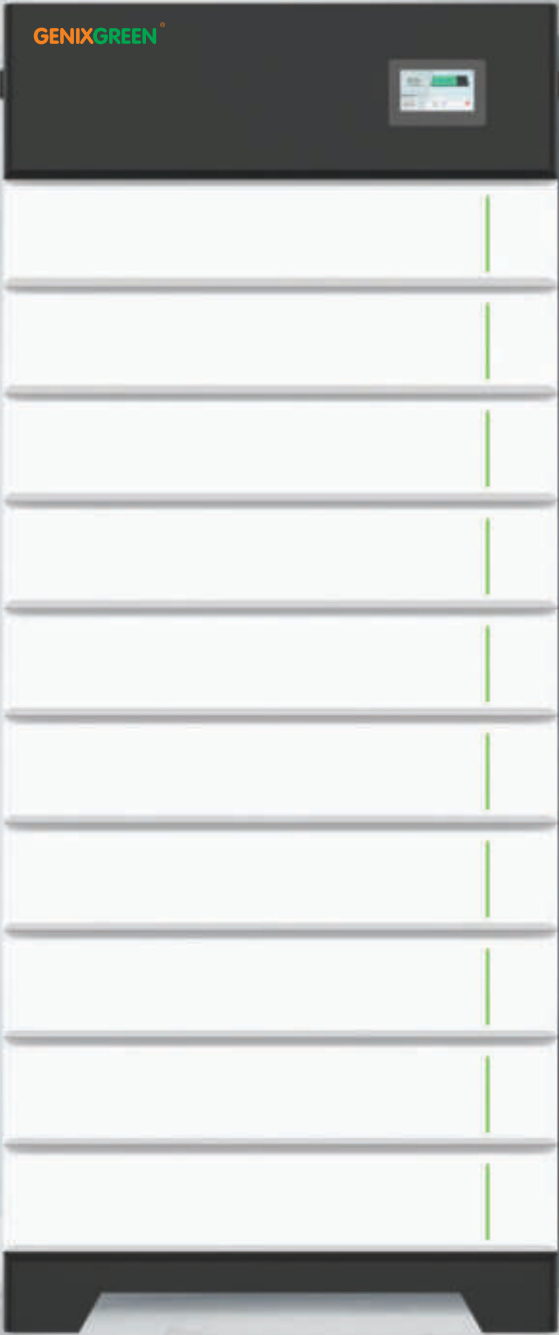
Lithium iron phosphate battery cell, safe and stable



Multiple Electrical protections, safe and reliable

HV Stackable Battery

HV-BOX3-512




Modular design, no
wiring harness required


28kg battery module,
one person installation


Intelligently identify
the master-slave batteries
auto DIP address


Support 10 clusters
in parallel without
combiner box



HV-BOX3-Series Flexible Extension



Model		HV-BOX3-Series								
Main parameter										
Battery Type		LiFePO4								
Module Nominal Energy(kWh)		2.56								
Module Nominal Voltage (V)		51.2								
Rated Capacity(Ah)		50								
No. Of System Module Series Connections (Optional)		2	3	4	5	6	7	8	9	10
Rated Voltage Of the System(V)		102.4	153.6	204.8	256	307.2	358.4	409.6	460.8	512
System Working Voltage(V)	Charging Voltage	115.2	172.8	230.4	288	345.6	403.2	460.8	518.4	576
	Discharge Voltage	89.6	134.4	179.2	224	268.8	313.6	358.4	403.2	448
System Nominal Energy(kWh)		5.12	7.68	10.24	12.8	15.36	17.92	20.48	23.04	25.6
Discharge Energy Of The System (kWh)		4.91	7.37	9.83	12.28	14.74	17.2	19.66	22.11	24.57
Charge/ Discharge Current(A)	Recommended Current	25								
	Rated Current	30								
	Overload Current	35(10sec,25°C)								
Status Indicator Light		Blue: Battery system start status, green: Battery system operation status, Red:Battery system fault status								
Communication Protocol		CAN2.0								
Operating Temperature Range (°C)		-10 ~ 55								
Operating Humidity Range		≤95% (No condensation)								
Operating Altitude		≤2000m								
System Cooling Method		Passive Cooling								
Waterproof Rating		IP55								
Installation Place		Indoors								
Net Weight (≈kg)		80	110	140	170	200	230	260	300	330
Dimensions (mm)		760*280*1620								
Storage Temperature(°C)		0~35								
Recommended Depth of Discharge (DOD)		90%								
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)								
Certification		CE/MSDS/UN38.3								
Warranty		5 Years(Under Warranty Terms)								
Energy Throughput ⁽¹⁾		11MWh	16MWh	22MWh	28MWh	33MWh	39MWh	44MWh	50MWh	56MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.



DC+AC COUPLING PROJECT PROPOSAL

Applicable scenarios

Medium-sized industrial and commercial places such as factories, shopping malls, islands, and other areas without basic power grids, weak power grids, or unstable electricity supply.

Characteristics

Efficiency: Improve energy efficiency for efficient energy allocation and use.

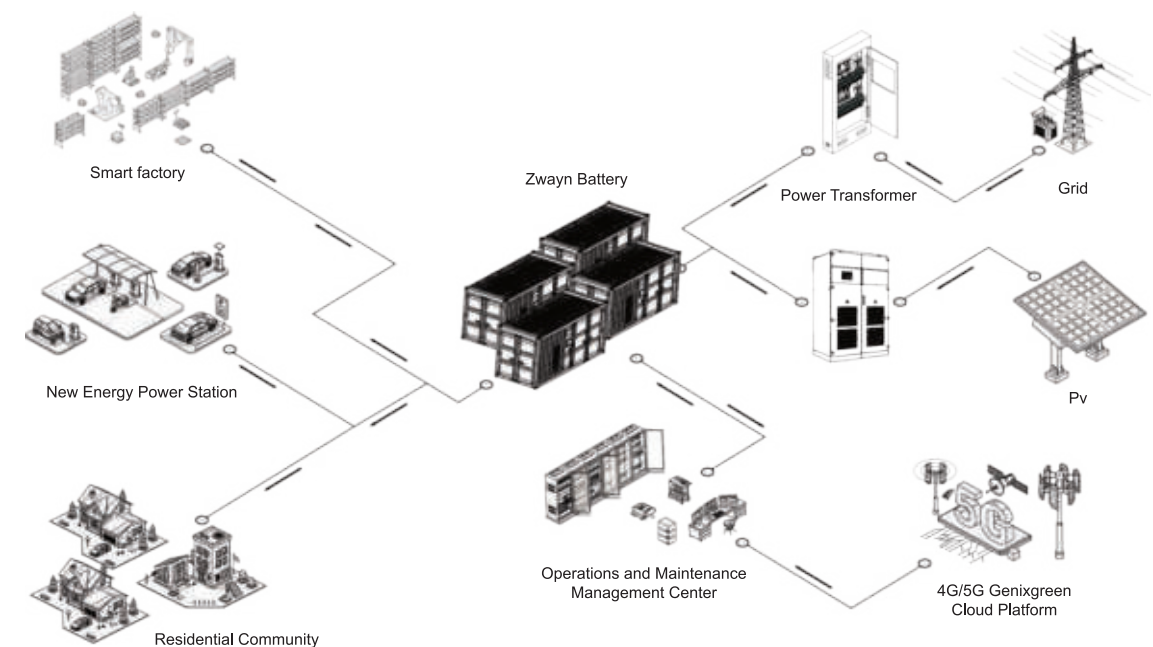
Economy: Take advantage of the price difference between peak and off-peak grid electricity to maximize return on investment and minimize electricity costs.

Environmental: Promoting clean energy consumption, reducing reliance on traditional energy sources, and contributing to carbon neutrality goals.

Stability: Smooth current, reduce the impact on the grid, and improve the grid's stability.

Flexibility: The system architecture is flexible and customizable to different application scenarios and requirements.

COMMERCIAL & INDUSTRIAL ENERGY STORAGE



Tower-X-HV-716V100Ah

Energy Storage System

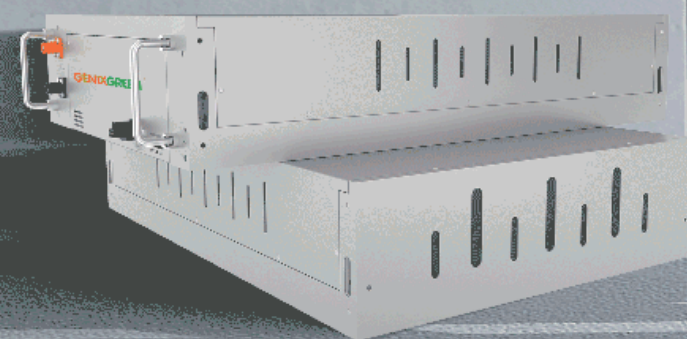
716V100Ah

Flexible
Extension



Product Features

- Advanced BMS algorithms and Cloud to achieve BMS 2A full-time balancing, ensure accurate SOC.
- Increases the battery pack cycles performance to guaranteed 10+ years.
- No need extra Combiner Box when ≥ 2 clusters are in parallels. Save installation & equipment costs.
- Support Max. 1C charge & discharge.
- Modular design, no wiring harness required.
- Easy connection for WiFi remotely monitoring system anytime.



Tower-X-HV-Series

Energy Storage System



OTA Remote upgrade,
simple maintenance



Support 3-7PCS battery
modules connected in series,
flexible extension



Intelligently identify
the master-slave batteries
auto DIP address



Support 4 clusters
in parallel without
combiner box

Application scenarios



Solar EV charging systems



High powered industry



Residential complexes



Commercial centers

Parameters

Product Model		Tower-X-HV-Series				
Main Parameter						
Battery Type		LiFePO4				
Module Power(kWh)		10.24				
Module Nominal Voltage(V)		102.4				
Rated Energy(Ah)		100				
No Of System Module Series Connections (Optional)		3	4	5	6	7
System Rated Voltage(V)		307.2	409.6	512	614.4	716.8
System Operation Voltage(V)		268.8	358.4	448	537.6	672.2
		~345.6	~460.8	~576	~691.2	~806.4
System Rated Power(kWh)		30.72	40.96	51.2	61.44	71.68
System Discharge Power(kWh)		29.49	39.32	49.15	58.98	68.81
Charge/ Discharge Current(A)	Rated Current	50				
	Max. Current	100				
	Overload Current	115(10sec,25°C)				
Status Indicator Light		Blue: battery system start status, green: battery system running status, red: battery system fault status				
Communication Protocol		CAN2.0				
Working Temperature Range		-10°C ~ 55°C				
Working Humidity Range		≤95% (No condensation)				
Working Altitude		≤2000m				
System Cooling Method		Fan cooling				
Waterproof Grade		IP20				
Installation Location		Indoor				
Net Weight (kg)		45+90*N(N is the number of modules)				
Max. Size (mm)		765*577*1380				
Storage Temperature		0~35				
Recommended Discharge Depth		90%				
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)				
Certification		Cell: UL1973/IEC62619/UL9540A/TUV/CE/MSDS/UN38.3				
Warranty		5 Years(Under Warranty Terms)				
Energy Throughput ⁽¹⁾		67MWh	89MWh	112MWh	134MWh	156MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.



Standard 16S Module

100Ah Battery Module+ PDU



Standard 16S Module

280Ah Battery Module+ PDU



Standard 24S Module

206Ah Battery Module+ PDU



Standard 32S Module

100Ah Battery Module+ PDU



PDU	HV-PDU 750VDC100A(WIFI)	HV-PDU 1000VDC200A	HV-PDU 1000VDC103A(WIFI)	HV-PDU 1000VDC100A(WIFI) (A06)
Operating Voltage	250~750Vdc	250~1000V	250~1000V	250~1000V
Rated Charge/Discharge Current	50A	140A	120A	50A
Max. Charge/Discharge Current	100A	145A	130A	100A
Operating Temperature Range	-10°C~55°C	-10°C~55°C	-10°C~55°C	-10°C~55°C
Waterproof Rating	IP20	IP20	IP20	IP20
Dimensions (W × D × H)	440*570*150mm	420*807*238mm	558*695*235mm	517*745*155mm
Weight	≈16kg	≈29kg	≈28kg	≈22kg
Parallel Connection	Support	Support		Support
Module	HV-Tower-16S100A	HV-Tower-16S280A	HV-Tower-76.8V206Ah	HV-Tower-32S100A
Battery Type	LiFePO4(LFP)	LiFePO4(LFP)	LiFePO4(LFP)	LiFePO4(LFP)
Rated Voltage	51.2Vdc	51.2Vdc	76.8Vdc	102.4Vdc
Rated Capacity	100Ah	280Ah	206Ah	100Ah
Rated Energy	5.12KWh	14.34kWh	16kWh	10.24KWh
Rated Charge/Discharge Current	50A	140A	120A	50A
Max. Charge/Discharge Current	100A	150A	130A	100A
Operating Temperature Range	-10°C~55°C	-10°C~55°C	-10°C~55°C	-10°C~55°C
Waterproof Rating	IP20	IP20	IP20	IP20
Weight	≈44kg	≈115kg	≈125kg	≈88kg
Dimensions (W × D × H)	440*570*133mm	420*795*238mm	559*690*235mm	517*745*155mm

Tower-HV-Series

Energy Storage Rack System

Tower-X-HV-614V100Ah:
A scalable energy storage solution for commercial and industrial applications, delivering high-efficiency power management through modular design and intelligent control.



- Compact and lightweight
for easy installation
- Modular design,
30.72–61.44 kWh capacity
- Safe and reliable
Longer cycle life
- Flexible stacking
installation
- Built in fan accelerates
heat dissipation
- Smart BMS high power

Application scenarios



Solar EV charging systems



High powered industry



Residential complexes



Commercial centers

Parameters

Product Model		Tower-HV-307V100Ah(6S)	Tower-HV-358V100Ah(7S)	Tower-HV-409V100Ah(8S)	Tower-HV-460V100Ah(9S)	Tower-HV-512V100Ah(10S)	Tower-HV-563V100Ah(11S)	Tower-HV-614V100Ah(12S)
Main Parameter								
Battery Type		LiFePO4						
Model Power(kWh)		5.12						
Module Nominal Voltage(V)		51.2						
Rated Energy(Ah)		100						
Battery Module QTY		6	7	8	9	10	11	12
System Rated Voltage(V)		307.2	358.4	409.6	460.8	512	563.2	614.4
System Operating Voltage (V)		268.8	313.6	358.4	403.2	448	492.8	537.6
		~345.6	~403.2	~460.8	~518.4	~576	~633.6	~691.2
System Nominal Power (kWh)		30.72	35.84	40.96	46.08	51.2	56.32	61.44
System Discharge Power (kWh)		27.65	32.26	36.86	41.47	46.08	50.69	55.3
Charging/ Discharging Current (A)	Rated Current	50						
	Max. Current	100						
	Overload Current	125(1 min,25°C)						
Status Indicator Light		Blue: battery system start status, green: battery system running status, red: battery system fault status						
Communication Protocol		CAN2.0						
Working Temperature Range (°C)		-20 ~ 55						
Working Humidity Range		≤95%(No condensation)						
Working Altitude		≤2000m						
System Cooling Method		Natural cooling						
Protection Grade		IP20						
Installation Location		Indoor						
Net Weight(kg)		364	408	452	496	540	584	628
Dimension(mm)		560*629*2158						
Storage Temperature(°C)		0~35						
Recommended Discharge Depth		90%						
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)						
Certification		CE/MSDS/UN38.3						
Warranty		5 Years(Under Warranty Terms)						
Energy Throughput ^[1]		67MWh	78MWh	89MWh	100MWh	112MWh	123MWh	134MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.

96kWh 460V 206Ah High Voltage

Battery Stackable Solution

Product Features



Exquisite Craftsmanship
Higher specific energy, more environmentally friendly



Integrated Design
Convenient installation and higher efficiency



Full Bracket Design
Full space for each cell's best performance



Tower-X-HV-460V206Ah :

A high-performance modular energy storage solution designed for small & medium commercial and premium residential applications, delivering safe and reliable energy storage and optimization through intelligent management and efficient design.

Tower-X-HV-460V206Ah

460V 206Ah Standard Rack



Smart Control

Advanced BMS with 2A real-time monitoring and remote management
CAN 2.0 communication protocol for transparent data control



High Efficiency & Reliability

460V high-voltage architecture reduces transmission loss
6,000 cycle life ensures long-term value
Multiple protection mechanisms (overcharge/discharge/current)



Flexible Architecture

4-6 module flexible configuration (64-96kWh capacity range)
Modular design saves installation space



Typical Applications

Commercial peak shaving
Premium residential energy independence
PV system energy storage

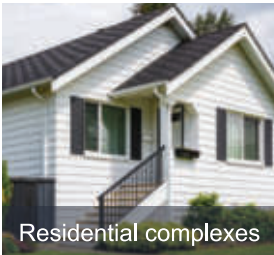
Application scenarios



Solar EV charging systems



High powered industry



Residential complexes



Commercial centers

Parameters

Model		Tower-X-HV- 460V206Ah		
Main parameter				
Battery Type		LiFePO4		
Module Nominal Energy(kWh)		16		
Mini. Energy Of Module (kWh)		15.5		
Module Nominal Voltage (V)		76.8		
Rated Capacity(Ah)		206		
No. Of System Module Series Connections (Optional)		4	5	6
Rated Voltage Of the System(V)		307.2	384	460.8
System Working Voltage(V)		268.8~345.6	336~432	403.2~518.4
System Nominal Energy(kWh)		64	80	96
Mini. Discharge Energy Of The System (kWh)		60.74	75.93	91.12
Charge/ Discharge Current(A)	Rated Current	120		
	Max. Current	130		
	Overload Current	150(10sec,25°C)		
Status Indicator Light		Blue: Battery system start status, green: Battery system operation status, Red:Battery system fault status		
Communication Protocol		CAN2.0		
Operating Temperature Range (°C)		-10 ~ 55		
Operating Humidity Range		≤95% (No condensation)		
Operating Altitude		≤2000m		
System Cooling Method		Fan cooling		
Waterproof Rating		IP20		
Installation Place		Indoors		
Net Weight (kg)		≈528~778		
Dimensions (mm)		676*1800*707		
Storage Temperature(°C)		0~35		
Recommended Depth of Discharge (DOD)		90%		
Fire Protection System		Aerosol (optional)		
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)		
Certification		5 Years(Under Warranty Terms)		
Energy Throughput ^[1]		133MWh	166MWh	200MWh
Certification		Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3		

[1] Conditions apply, refer to GENIXGREEN warranty letter.

215kWh 768V 280Ah High Voltage

Battery Stackable Solution

Product Features



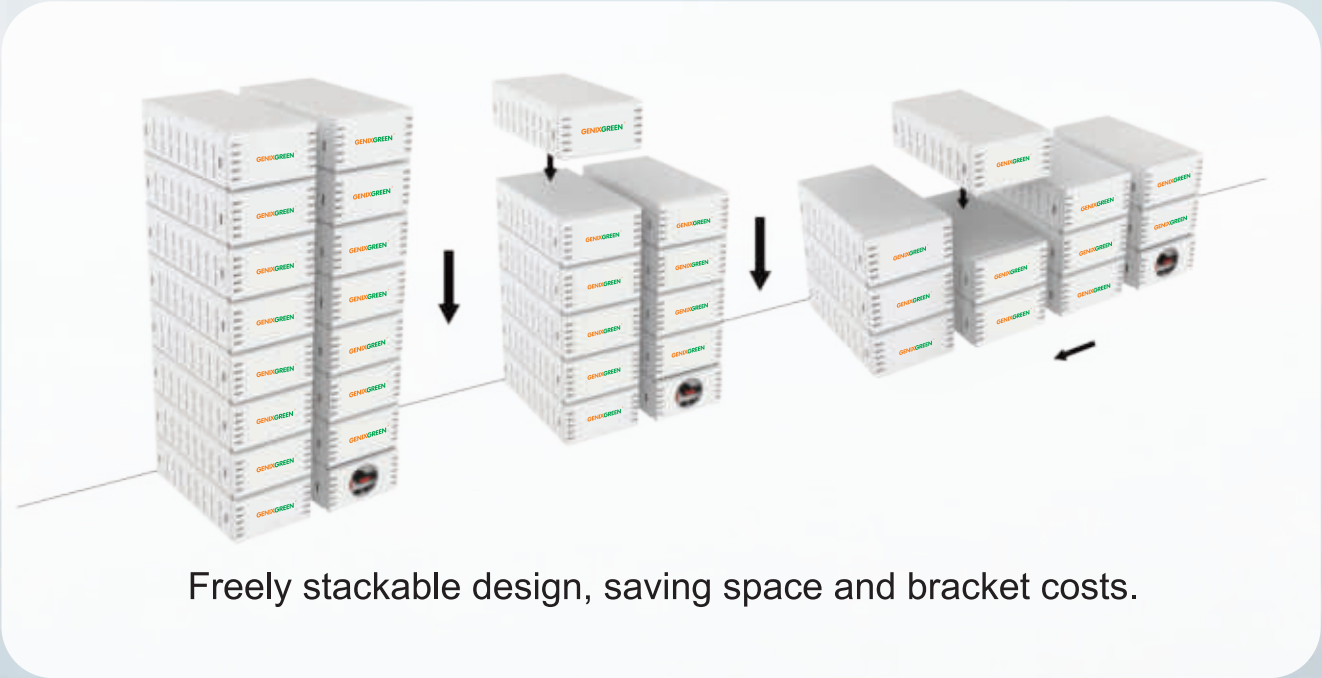
Exquisite Craftsmanship
Higher specific energy, more environmentally friendly



Integrated Design
Convenient installation and higher efficiency



Full Bracket Design
Full space for each cell's best performance



Freely stackable design, saving space and bracket costs.



Tower-X-HV-768V280Ah/Tower-HV-768V280Ah

768V 280Ah Standard Rack

Detachable design, flexible adjustment
of the number of batteries.



Tower-X-HV-768V280Ah



Tower-HV-768V280Ah



Safe and reliable
Longer cycle life



Flexible stacking
installation



Built in fan accelerates
heat dissipation



Smart BMS
high power

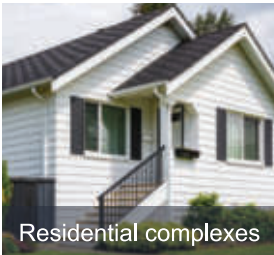
Application scenarios



Solar EV charging systems



High powered industry



Residential complexes



Commercial centers

Parameters

Model		Tower-X-HV-768V280Ah/Tower-HV-768V280Ah									
Main parameter											
Battery Type		LiFePO4									
Module Nominal Energy(kWh)		14.336									
Module Nominal Voltage (V)		51.2									
Rated Capacity(Ah)		280									
No. Of System Module Series Connections (Optional)		6	7	8	9	10	11	12	13	14	15
Rated Voltage Of the System(V)		307.2	358.4	409.6	460.8	512	563.2	614.4	665.6	716.8	768
System Working Voltage(V)		268.8	313.6	358.4	403.2	448	492.8	537.6	582.4	627.2	672
		~345.6	~403.2	~460.8	~518.4	~576	~633.6	~691.2	~748.8	~806.4	~864
System Nominal Energy(kWh)		86.02	100.35	114.69	129.02	143.36	157.7	172.03	186.37	200.70	215.04
Discharge Energy Of The System (kWh)		82.58	96.34	110.10	123.86	137.63	151.39	165.15	178.91	192.68	206.44
Charge/Discharge Current(A)	Rated Current		140								
	Max. Current		145								
	Overload Current		150(10 sec,25℃)								
Status Indicator Light		Blue: Battery system start status, green: Battery system operation status, Red:Battery system fault status									
Communication Protocol		CAN2.0									
Operating Temperature Range (℃)		-10 ~ 55									
Operating Humidity Range		≤95% (No condensation)									
Operating Altitude		≤2000m									
System Cooling Method		Fan cooling									
Waterproof Rating		IP20									
Installation Place		Indoors									
Net Weight (kg)		≈850~2000									
Dimensions (mm)		1050*831*2070									
Storage Temperature(℃)		0~35									
Recommended Depth of Discharge (DOD)		90%									
Cycle Life		≥10000 Cycles (25℃±2℃, 0.35C, 80%DOD@65%EOL)									
Certification		Cell: UL1973/IEC62619/UL9540A/TUV/CE/MSDS/UN38.3									
Warranty		5 Years(Under Warranty Terms)									
Energy Throughput ^[1]		188MWh	219MWh	251MWh	282MWh	313MWh	345MWh	376MWh	408MWh	439MWh	470MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.

Magic 71kWh/Magic 143kWh

Outdoor Energy Storage All-in-one Cabinet

61kWh/71kWh/122kWh/143kWh

Product Features



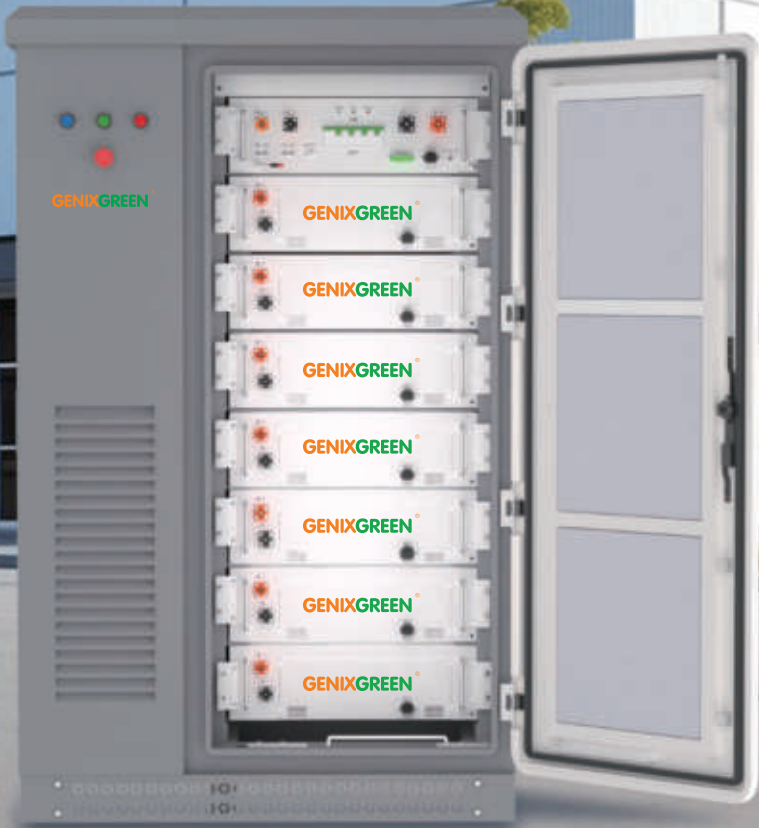
Exquisite Craftsmanship
Higher specific energy, more environmentally friendly



Integrated Design
Convenient installation and higher efficiency



Full Bracket Design
Full space for each cell's best performance



Magic 71kWh



Magic 143kWh

Magic 71kWh

Outdoor Energy Storage All-in-one Cabinet



Safe and reliable
Longer cycle life



Remote Monitoring
Self-developed APP



Smart and friendly WiFi
Remote monitoring



Smart BMS
high power

Application scenarios



Solar EV charging systems



High powered industry



Residential complexes



Commercial centers

Parameters

Model		Magic 61kWh	Magic71kWh
Main parameter			
Battery Type		LiFePO4	
Rated Energy(Ah)		100	
No. Of System Modules In Series (Optional)		6	7
System Rated Voltage(V)		614.4	716.8
System Operating Voltage range(V)		537.6~691.2	627.2~806.4
System Nominal Energy(kWh)		61.44	71.68
Dischargeable Energy Of The System(kWh)		58.98	68.81
Charge/ Discharge Current(A)	Rated Current	50	
	Max. Current	100	
	Overload Current	115(10sec,25°C)	
Output Voltage (AC Side)		400V@AC	
PCS Matching Power (kW)		50	
Status Indicator Light		Blue: energy storage system start status, green: energy storage system operation status, red: energy storage system fault status	
Communication Protocol		CAN2.0	
Working Temperature Range(°C)		-10 ~ 50	
Working Humidity Range		≤95% (No condensation)	
Working Altitude		≤2000m	
System Cooling Method		Fan cooling	
Waterproof Level		IP55	
Fire Suppression System		Aerosol	
Weight(kg)		≈900	≈1000
Max. Dimension(mm)		1066*1274*1675	
Storage Temperature(°C)		0~35	
Recommended Discharge Depth		90%	
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)	
System Composition		BMS System、Firesuppression system、 Air cooling unit、 Cabinet、 PCS system	
Certification		Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3	
Warranty		5 Years(Under Warranty Terms)	
Energy Throughput ^[1]		134MWh	156MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.

This product is compatible with 50kW inverters: Deye, Solis, Solinteg, Growatt, Megarevo and Sosen.



Magic 143kWh

Outdoor Energy Storage All-in-one Cabinet



- Safe and reliable
Longer cycle life
- Remote Monitoring
Self-developed APP
- Smart and friendly WiFi
Remote monitoring
- Smart BMS
high power

Application scenarios



Parameters

Model		Magic 102kWh	Magic 122kWh	Magic 143kWh
Main parameter				
Battery Type		LiFePO4		
Rated Energy(Ah)		200 (After parallel connection)		
No. Of System Modules In Series (Optional)		5	6	7
System Rated Voltage(V)		512	614.4	716.8
System Operating Voltage range(V)		448~576	537.6~691.2	627.2~806.4
System Nominal Energy(kWh)		102.44(After paraller connection)	122.88(After parallel connection)	143.36(After parallel connection)
Dischargeable Energy Of The System(kWh)		98.34(After parallel connection)	117.96(After papallel connection)	137.62(After parallel connection)
Charge/ Discharge Current(A)	Rated Current	50*2		
	Max. Current	100*2		
	Overload Current	115(10sec,25°C) *2		
Output Voltage (AC Side)		400V@AC		
PCS Matching Power (kW)		50/100		
Status Indicator Light		Blue: PCS system operating status, green: energy storage system operating status, red: energy storage system fault status		
Communication Protocol		CAN2.0		
Working Temperature Range(°C)		-10 ~ 50		
Working Humidity Range		≤95% (No condensation)		
Working Altitude		≤2000m		
System Cooling Method		Fan cooling		
Waterproof Level		IP55		
Fire Suppression System		Hot air aerosol (optional)		
Weight(kg)		≈1100	≈1250	≈1400
Max. Dimension(mm)		2000*1274*1680		
Storage Temperature(°C)		0~35		
Recommended Discharge Depth		90%		
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)		
System Composition		BMS system、Fire suppresion system、Air cooling unit、Cabinet、PCS system		
Certification		Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3		
Warranty		5 Years(Under Warranty Terms)		
Energy Throughput ^[1]		224MWh	269MWh	313MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.

This product is compatible with 100kW inverters: Deye, Solis, Solinteg, Growatt, Megarevo and Sosen.



Magic 215kWh-100kW

Outdoor Energy Storage All-in-one Cabinet

All-in-One Integrated Design

Flexible "1+1" configuration: supports combined or independent use.
The battery compartment can be sold separately and paired flexibly
with inverters from different brands.



Magic 215kWh -100kW

Outdoor Energy Storage All-in-one Cabinet



Product characteristics

- Covers all scenarios including solar, storage, and diesel applications.
- Supports photovoltaic (PV) input and seamless grid-off transition.
- Intelligent cloud-based management with **24/7** achieves real-time, balanced performance.
- Battery system cabinet supports **Max. 10** parallel connection to get **2.1MWh**.

Application scenarios



Solar EV charging systems



High powered industry



Residential complexes



Commercial centers

Parameters

Model		Magic 215kWh -100kW
Main parameter		
Battery Type	LiFePO4	
Rated Energy(Ah)	280	
No. Of System Modules In Series (Optional)	15	
System Rated Voltage(V)	768	
System Operating Voltage range(V)	672~864	
System Nominal Energy(kWh)	215.04	
Dischargeable Energy Of The System(kWh)	206.43	
Charge/ Discharge Current(A)	Rated Current	140
	Max. Current	150
	Overload Current	155(10sec,25°C)
Output Voltage (AC Side)	380V , 3W+N+PE	
PCS Matching Power (kW)	100	
Status Indicator Light	Blue: energy storage system start status, green: energy storage system operation status, red: energy storage system fault status	
Communication Protocol	CAN2.0	
Working Temperature Range(°C)	-10 ~ 50	
Working Humidity Range	≤95% (No condensation)	
Working Altitude	≤2000m	
System Cooling Method	Fan cooling	
Waterproof Level	IP55	
Fire Suppression System	Aerosol	
Weight(kg)	4000	
Max. Dimension(mm)	2430*1256*2482	
Storage Temperature(°C)	0~35	
Recommended Discharge Depth	90%	
Cycle Life	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)	
System Composition	BMS system、Fire suppression system、Air cooling unit、Energy storage cabinet, PCS system	
Certification	Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3	
Warranty	5 Years(Under Warranty Terms)	
Energy Throughput ^[1]	470MWh	

[1] Conditions apply, refer to GENIXGREEN warranty letter.

G-CUBE 71kWh/96kWh/143kWh/160kWh

Outdoor Energy Storage System



G-CUBE 71kWh

G-CUBE 96kWh

G-CUBE 143kWh A

G-CUBE 143kWh B

G-CUBE 160kWh

G-CUBE 71kWh

Outdoor Energy Storage System



- Support 6-7PCS battery modules connected in series, flexible extension
- OTA Remote upgrade, simple maintenance
- Intelligently identify the master-slave batteries without DIP address
- Compact design to meet the needs of various scenarios, easy to transport and install
- Easy connection for WiFi remotely monitoring system anytime and anywhere
- Adopt advanced BMS algorithms and use Cloud to achieve BMS 2A full-time balancing which can ensure battery product SOC calculation is more accurate
- BMS uses Cloud to achieve remote real time balance and increases the battery pack cycles performance so that the battery can be guaranteed for more than 10 years
- When more than 2 clusters are connected in parallel, there is no need an extra Combiner BOX. Direct connection reduces installation costs and equipment costs

Application scenarios



Parameters

Model		G-CUBE 61kWh	G-CUBE 71kWh
Main Parameters			
Battery Type		LiFePO4	
Rated Capacity(Ah)		100	
No. of System Module Series Connections(Optional)		6	7
System Rated Voltage (V)		614.4	716.8
System Operating Voltage(V)		537.6~691.2	627.2~806.4
System Nominal Energy(kWh)		61.44	71.68
System Discharge Energy (kWh)		58.98	68.81
Charge / Discharge Current(A)	Rated Current	50	
	Max. Current	100	
	Overload Current	115(10sec, 25°C)	
Output Terminal Voltage (AC side)		400V@AC	
PCS Matching Power (kW)		50	
Status Indicator Light		Blue: energy storage system start status, green: energy storage system operation status, red: energy storage system fault status	
Communication Protocol		CAN2.0	
Operating Temperature Range(℃)		-10 ~ 50	
Operating Humidity Range		≤95% (No Condensation)	
Operating Altitude		≤2000m	
System Cooling Method		Air Cooling	
Waterproof Rating		IP55	
Fire Fighting System		Aerosol	
Net Weight(kg)		≈780	≈870
Maximum Size(mm)		1020*1080*1786	
Storage Temperature(℃)		0~35	
Recommended Depth of Discharge(DOD)		90%	
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)	
System Composition		BMS management system, fire protection system, air-cooled unit, cabinet, PCS system	
Certification		Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3	
Warranty		5 Years(Under Warranty Terms)	
Energy Throughput ^[1]		134MWh	156MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.

This product is compatible with 50kW inverters: Deye, Solis, Solinteg, Growatt, Megarevo and Sosen.



G-CUBE 96kWh

Outdoor Energy Storage System



- 

Support 4-6PCS battery modules connected in series, flexible extension
- 

OTA Remote upgrade, simple maintenance
- 

Intelligently identify the master-slave batteries without DIP address
- 

Compact design to meet the needs of various scenarios, easy to transport and install
- 

Easy connection for WiFi remotely monitoring system anytime and anywhere

- 

Adopt advanced BMS algorithms and use Cloud to achieve BMS 2A full-time balancing which can ensure battery product SOC calculation is more accurate
- 

BMS uses Cloud to achieve remote real time balance and increases the battery pack cycles performance so that the battery can be guaranteed for more than 10 years
- 

When more than 2 clusters are connected in parallel, there is no need an extra Combiner BOX. Direct connection reduces installation costs and equipment costs

Application scenarios



Solar EV charging systems



High powered industry



Residential complexes



Commercial centers

Parameters

Model		G-CUBE 96kWh		
Main Parameters				
Bettery type		LiFePO4		
Module nominal energy(kWh)		16		
Module minimun energy (kWh)		15.5		
Module nominal voltage(V)		76.8		
Rated capacity(Ah)		206		
No. of System module series connections(optional)		4	5	6
Rated Voltage of the system(V)		307.2	384	460.8
System working voltage(V)		268.8~345.6	336~432	403.2~518.4
System nominal energy(kWh)		64	80	96
Minimum discharge energy of the system (kWh)		60.74	75.93	91.12
Charge / Discharge current(A)	Rated Current	120		
	Max. Current	130		
	Overload Current	150(10sec,25°C)		
Status indicator light		Blue:Battery system starts status;Green:Battery system operation status; Red: Battery system fault status		
Communication Protocol		CAN2.0		
Working temperature range(°C)		-10 ~ 50		
Working humidity range		≤95% (No Condensation)		
Working Alitude		≤2000m		
System Cooling Method		Fan cooling		
Waterproof Grade		IP55		
Installation Place		Outdoor		
Net Weight(kg)		1100	1225	1350
Dimension (mm)		1079*1166*2157		
Storage Temperature(°C)		0~35		
Recommended Discharge Depth		90%		
System Composition		BMS management system, fire protection system, air-cooled unit, cabinet, PCS system		
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)		
Certification		Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3		
Warranty		5 Years(Under Warranty Terms)		
Energy Throughput ^[1]		133MWh	166MWh	200MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.

This product is compatible with 50-100kW inverters: Deye, Solis, Solinteg, Growatt, Megarevo and Sosen.



G-CUBE 143kWh A

Outdoor Energy Storage System



- OTA Remote upgrade, simple maintenance
- Intelligently identify the master-slave batteries without DIP address
- Compact design to meet the needs of various scenarios, easy to transport and install
- Easy connection for WiFi remotely monitoring system anytime and anywhere

- Adopt advanced BMS algorithms and use Cloud to achieve BMS 2A full-time balancing which can ensure battery product SOC calculation is more accurate
- BMS uses Cloud to achieve remote real time balance and increases the battery pack cycles performance so that the battery can be guaranteed for more than 10 years
- When more than 2 clusters are connected in parallel, there is no need an extra Combiner BOX. Direct connection reduces installation costs and equipment costs

Application scenarios



Solar EV charging systems



High powered industry



Residential complexes



Commercial centers

Parameters

Model		G-CUBE 102kWh	G-CUBE 122kWh	G-CUBE 143kWh
Main Parameters				
Battery Type		LiFePO4		
Rated Capacity(Ah)		200 (After paralleling)		
No. of System Module Series Connections(Optional)		5	6	7
System Rated Voltage (V)		512	614.4	716.8
System Operating Voltage(V)		448~576	537.6~691.2	627.2~806.4
System Nominal Energy(kWh)		102.44(After paralleling)	122.88(After paralleling)	143.36(After paralleling)
System Discharge Energy (kWh)		98.34(After paralleling)	117.96(After paralleling)	137.62(After paralleling)
Charge / Discharge Current(A)	Rated Current	50*2		
	Max. Current	100*2		
	Overload Current	115(10sec, 25°C) *2		
Output Terminal Voltage (AC side)		400V@AC		
PCS Matching Power (kW)		50/100		
Status Indicator Light		Blue: energy storage system start status, green: energy storage system operation status, red: energy storage system fault status		
Communication Protocol		CAN2.0		
Operating Temperature Range(°C)		-10 ~ 50		
Operating Humidity Range		≤95% (No Condensation)		
Operating Altitude		≤2000m		
System Cooling Method		Air Cooling		
Waterproof Rating		IP55		
Fire Fighting System		Hot aerosol		
Net Weight(kg)		≈1410	≈1585	≈1765
Maximum Size(mm)		1665*1090*1782		
Storage Temperature(°C)		0~35		
Recommended Depth of Discharge(DOD)		90%		
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)		
System Composition		BMS management system, fire protection system, air-cooled unit, cabinet, PCS system		
Certification		Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3		
Warranty		5 Years(Under Warranty Terms)		
Energy Throughput ^[1]		224MWh	270MWh	313MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.

This product is compatible with 50-100kW inverters: Deye, Solis, Solinteg, Growatt, Megarevo and Sosen.



G-CUBE 143kWh B

Outdoor Energy Storage System



- OTA Remote upgrade, simple maintenance
- Intelligently identify the master-slave batteries without DIP address
- Compact design to meet the needs of various scenarios, easy to transport and install
- Easy connection for WiFi remotely monitoring system anytime and anywhere
- Adopt advanced BMS algorithms and use Cloud to achieve BMS 2A full-time balancing which can ensure battery product SOC calculation is more accurate
- BMS uses Cloud to achieve remote real time balance and increases the battery pack cycles performance so that the battery can be guaranteed for more than 10 years
- When more than 2 clusters are connected in parallel, there is no need an extra Combiner BOX. Direct connection reduces installation costs and equipment costs

Application scenarios



Parameters

Model		G-CUBE 143kWh B
Main Parameters		
Battery Type	LiFePO4	
Module Nominal Energy(kWh)	14.336	
Module Nominal Voltage(V)	51.2	
Rated Capacity(Ah)	280	
No. of System Module Series Connections	10	
System Rated Voltage (V)	512	
System Operating Voltage(V)	448~576	
System Nominal Energy(kWh)	143.36	
System Discharge Energy (kWh)	137.63	
Charge / Discharge Current(A)	Rated Current	140
	Max. Current	150
	Overload Current	155(10 sec, 25°C)
Status Indicator Light	Blue: PCS system working status, green: battery system running status, red: battery system fault status	
Communication Protocol	CAN2.0	
Operating Temperature Range(℃)	-10 ~ 55	
Operating Humidity Range	≤95% (No Condensation)	
Operating Altitude	≤2000m	
System Cooling Method	Air Cooling	
Waterproof Rating	IP55	
Fire Fighting System	Hot aerosol	
Net Weight(kg)	≈1615	
Maximum Size(mm)	1395*1080*1850	
Storage Temperature(℃)	0~35	
Recommended Depth of Discharge(DOD)	90%	
Cycle Life	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)	
System Composition	BMS management system, fire protection system, air-cooled unit, cabinet, PCS system	
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE/MSDS/UN38.3	
Warranty	5 Years(Under Warranty Terms)	
Energy Throughput ^[1]	313MWh	

[1] Conditions apply, refer to GENIXGREEN warranty letter.

This product is compatible with 50-100kW inverters: Deye, Solis, Solinteg, Growatt, Megarevo and Sosen.



G-CUBE 160kWh

Outdoor Energy Storage System



 Support 7-10PCS battery modules connected in series, flexible extension

 OTA Remote upgrade, simple maintenance

 Intelligently identify the master-slave batteries without DIP address

 Compact design to meet the needs of various scenarios, easy to transport and install

 Easy connection for WiFi remotely monitoring system anytime and anywhere

 Adopt advanced BMS algorithms and use Cloud to achieve BMS 2A full-time balancing which can ensure battery product SOC calculation is more accurate

 BMS uses Cloud to achieve remote real time balance and increases the battery pack cycles performance so that the battery can be guaranteed for more than 10 years

 When more than 2 clusters are connected in parallel, there is no need an extra Combiner BOX. Direct connection reduces installation costs and equipment costs

Application scenarios



Solar EV charging systems



High powered industry



Residential complexes



Commercial centers

Parameters

Model		G-CUBE 160kWh			
Main Parameters					
Bettery type		LiFePO4			
Module nominal energy(kWh)		16			
Module minimun energy (kWh)		15.5			
Module nominal voltage(V)		76.8			
Rated capacity(Ah)		206			
No. of System module series connections(optional)		7	8	9	10
Rated Voltage of the system(V)		537.6	614.4	691.2	768
System working voltage(V)		470.4~604.8	537.6~691.2	604.8~777.6	672~864
System nominal energy(kWh)		112	128	144	160
Minimum discharge energy of the system (kWh)		106.31	121.49	136.68	151.87
Charge / Discharge current(A)	Rated Current	120			
	Max. Current	130			
	Overload Current	150(10sec,25°C)			
Status indicator light		Blue:Battery system starts status;Green:Battery system operation status; Red: Battery system fault status			
Communication Protocol		CAN2.0			
Working temperature range(°C)		-10 ~ 50			
Working humidity range		≤95%(No Condensation)			
Working Alitude		≤2000m			
System Cooling Method		Fan cooling			
Waterproof Grade		IP55			
Installation Place		Indoor/Outdoor			
Net Weight(kg)		1675	1800	1925	2050
Dimension (mm)		1789*1169*1792			
Storage Temperature(°C)		0~35			
Recommended Discharge Depth		90%			
System Composition		BMS management system, fire protection system, air-cooled unit, cabinet, PCS system			
Cycle Life		≥8000 Cycles (25°C±2°C, 0.5C, 80%DOD@65%EOL)			
Certification		Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3			
Warranty		5 Years(Under Warranty Terms)			
Energy Throughput ^[1]		245MWh	280MWh	315MWh	350MWh

[1] Conditions apply, refer to GENIXGREEN warranty letter.

This product is compatible with 50-100kW inverters: Deye, Solis, Solinteg, Growatt, Megarevo and Sosen.



Titan-215kWh +120kW High Voltage

Integrated Energy Storage Cabinet

Plug and Play

40kW vehicle
charging pile (optional)

All-in-One Photovoltaic Energy
Storage and Charging System

215kWh +120kW High Voltage

Integrated Energy Storage Cabinet



Safe and reliable
Longer cycle life



Exquisite craftsmanship
Higher specific energy, more environmentally friendly



Integrated design
Convenient installation and higher efficiency



Smart and friendly
The parallel function is fast and convenient



40kW vehicle
charging pile (optional)

Application scenarios



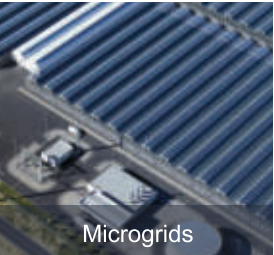
Solar EV charging systems



High powered industry



Energy arbitrage



Microgrids

Parameters

Product Model		Titan-215kWh+120kW
Main Parameters		
Battery Type	LiFePO4	
Rated Capacity (Ah)	280	
Number of Modules in Series	15	
System Rated Voltage (V)	768	
System Operating Voltage Range (V)	672~864	
System Nominal Energy (kWh)	215.04	
System Dischargeable Energy (kWh)	206.43	
Charge/Discharge Current (A)	Rated Current	140
	Max. Current	150
	Overload Current	155(1 min,25°C)
Output Voltage (AC Side)	380V, 3W+N+PE	
PCS Matching Power (kW)	120	
Communication Protocol	CAN2.0	
Status Indicator Light	Blue: Battery system start status Green: Energy storage system operation status Red: Battery system fault status	
Operating Temperature Range (°C)	-10 ~ 50	
Operating Humidity Range	≤95% (No condensation)	
Operating Altitude	≤2000m	
System Cooling Method	Air Cooling	
Protection Grade	IP55	
Charging Pile	Charging Module Power (kW)	40
	Charging Gun Current (A)	125
Max. Dimension (mm)	1646*1275*2468	
Storage Temperature (°C)	0~35	
Recommended Discharge Depth	90%	
Cycle Life	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)	
Certification	Cell: UL1973/IEC62619/CE/ROHS/MSDS/UN38.3	
System Components	BMS management system, fire protection system, air-cooled unit, cabinet, PCS system, car charging module	
Warranty	5 Years(Under Warranty Terms)	
Energy Throughput ^[1]	470MWh	

[1] Conditions apply, refer to GENIXGREEN warranty letter.

System Components

Product Model		Charging Gun
Rated Voltage	750/1500Vdc	
Rated Current	80/125/200/250A	
Insertion/Extraction Force	<140N	
Insertion/Extraction Lifespan	10000 Cycles	
Operating Temperature Range	-40~85 C	
Protection Grade	IP67	



Product Model		Charging Module
Output Voltage Range	50~1000Vdc	
Power Rating	40kW	
Output Current Range	0-133.3A	
Operating Temperature Range	-40 C ~+70 C	
Dimension (W * D * H)	459*360*85mm	
Net Weight	≤18kg	



Titan-430kWh+150kW

10 Feet Commercial & Industrial BESS

Product Features

High Efficiency 97.6%

With cooling system ensures higher efficiency and longer battery cycle life.

Various Application Solutions

Variety of applications are supported such as peak-shift, peak-cut, frequency regulation, etc.

Easy Installation

Highly integrated ESS for easy transportation and O&M All pre-assembled, no battery module handling on site.

Safety and Reliable

Multi-level battery protection layers formed by discreet standalone systems offer impeccable safety.

Parameters

Product Model	Titan-430kWh+150kW
Battery Side Parameters	
Cell Parameters	3.2V280Ah LFP
Pack Parameters	1P16S
Battery Cluster	1P16S*15
System Combination	2*1P240S
Rated Energy	430kWh
Rated Voltage	768V
Operating Voltage Range	720-850V
Rated Multiplier	0.5P
Photovoltaic Side Parameters	
Rated Voltage	600V
Rated Current	100A
MPPT Max. Range	420-850V
MPPT Rated Power	50kW
Number Of MPPT Channels	3
AC Side Parameters	
Output Power	150kW
Rated Voltage	380/400V 3W+N+PE
Rated Trequency	50HZ
Response Time	20ms
Conversion Efficiency	98%
System Parameters	
Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C
Operating Humidity Range	5-85%RH
Depth Of Discharge	80-90%
Cycle Life	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Protection Grade	IP55
System Cycle Efficiency	≥90%@AC
Cooling Method	Air cooling
Fire Protection System	Perfluorohexanone
Dimension	10FT
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE
630A DC Battery Combiner Cabinets	
Product Model	1000V DC 630A * 1 PCS
Max. Working Voltage	1000V
Max. Charge/Discharge Current	630A
PCS Power	250kW-500kW
Communication Mode	TCP/485/CAN/232
Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C
Operating Humidity Range	5-85%RH
Protection Grade	IP20
Fire Protection System	Aerosol
Dimension	700*600*1680mm

HV Energy Storage System

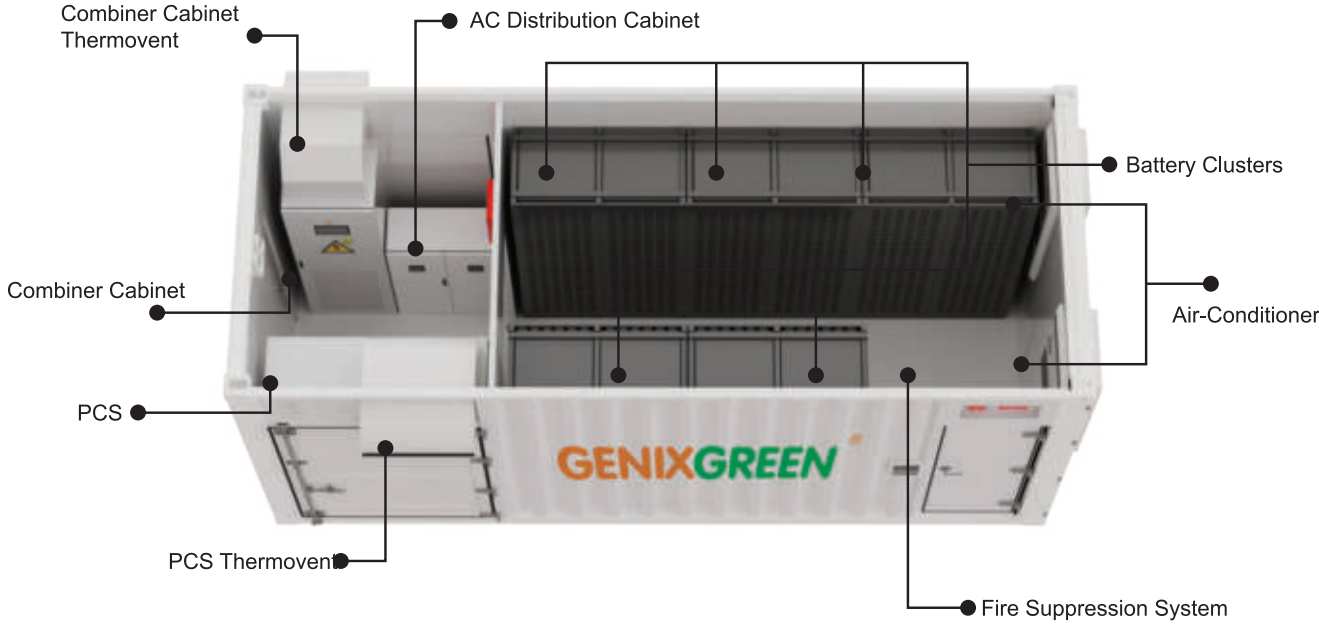
20/40 Feet Commercial & Industrial BESS Container

645kWh/860kWh/1.075MWh/2.15MWh



Titan-645kWh+250kW

20 Feet Commercial & Industrial BESS



High Efficiency 97.6%
With cooling system ensures higher efficiency and longer battery cycle life.



Easy Installation
Highly integrated ESS for easy transportation and O&M
All pre-assembled, no battery module handling on site.



Various Application Solutions
Variety of applications are supported such as peak-shift, peak-cut, frequency regulation, etc.



Safety and Reliable
Multi-level battery protection layers formed by discreet standalone systems offer impeccable safety.

Application scenarios



Solar EV charging systems



High powered industry



Energy arbitrage



Microgrids

Parameters

Product Model	Titan-645kWh+250kW
Battery Side Parameters	
Cell Parameters	3.2V280Ah LFP
Pack Parameters	1P16S
Battery Cluster	1P16S*15
System Combination	3*1P240S
Rated Energy	645kWh
Rated Voltage	768V
Operating Voltage Range	720-850V
Rated Multiplier	0.5P
Photovoltaic Side Parameters	
Rated Voltage	600V
Rated Current	100A
MPPT Max. Range	420-850V
MPPT Rated Power	50kW
Number Of MPPT Channels	5
AC Side Parameters	
Output Power	250kW
Rated Voltage	380/400V 3W+N+PE
Rated Frequency	50HZ
Response Time	20ms
Conversion Efficiency	98%
System Parameters	
Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C
Operating Humidity Range	5-85%RH
Depth Of Discharge	80-90%
Cycle Life	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Protection Grade	IP55
System Cycle Efficiency	≥90%@AC
Cooling Method	Air cooling
Fire Protection System	Perfluorohexanone
Dimension	20FT
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE
800A DC Battery Combiner Cabinets	
Product Model	1500V DC 800A * 1 PCS
Max. Working Voltage	1500V
Max. Charge/Discharge Current	800A
PCS Power	250kW-500kW
Communication Mode	TCP/485/CAN/232
Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C
Operating Humidity Range	5-85%RH
Protection Grade	IP20
Fire Protection System	Aerosol
Dimension	600*623*1755mm

Titan-860kWh+500kW/1.075MWh+500kW

20 Feet Commercial & Industrial BESS



High Efficiency 97.6%
With cooling system ensures higher efficiency and longer battery cycle life.



Easy Installation
Highly integrated ESS for easy transportation and O&M
All pre-assembled, no battery module handling on site.



Various Application Solutions
Variety of applications are supported such as peak-shift, peak-cut, frequency regulation, etc.



Safety and Reliable
Multi-level battery protection layers formed by discreet standalone systems offer impeccable safety.

Application scenarios



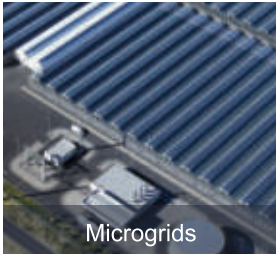
Solar EV charging systems



High powered industry



Energy arbitrage



Microgrids

Parameters

Product Model	Titan-860kWh+500kW		Titan-1.075MWh+500kW
Battery Side Parameters			
Cell Parameters	3.2V280Ah LFP		
Pack Parameters	1P16S		
Battery Cluster	1P16S*15		
Rated Voltage	768V		
Operating Voltage Range	720-850V		
System Combination	4*1P240S		5*1P240S
Rated Energy	860kWh		1.075MWh
Rated Multiplier	0.6P		0.5P
Photovoltaic Side Parameters			
MPPT module rated power	50kW/single		
Max. PV power	600/660/720V		
Number of MPPT modules	10/11/12		
MPPT voltage range	250-600V		
MPPT full load voltage range	450-600V		
AC Side Parameters			
Output Power	500kW		
Rated Voltage	380/400V 3W+N+PE		
Rated Frequency	50HZ		
Response Time	20ms		
Conversion Efficiency	98%		
System Parameters			
Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C		
Operating Humidity Range	5-85%RH		
Depth Of Discharge	80-90%		
Cycle Life	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)		
Protection Grade	IP55		
System Cycle Efficiency	≥90%@AC		
Cooling Method	Air conditioning cooling		
Fire Protection System	Perfluorohexanone		
Dimension	20FT		
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE		
DC Battery Combiner Cabinets			
Product Model	1500V DC 800A * 1 PCS		
Max. Working Voltage	1500V		
Max. Charge/Discharge Current	800A		
PCS Power	250kW-500kW		
Communication Mode	TCP/485/CAN/232		
Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C		
Operating Humidity Range	5-85%RH		
Protection Grade	IP20		
Fire Protection System	Aerosol		
Dimensions	600*623*1755mm		

Titan -2.15MWh+1MW

40 Feet Commercial & Industrial BESS





High Efficiency 97.6%

With cooling system ensures higher efficiency and longer battery cycle life



Easy Installation

Highly integrated ESS for easy transportation and O&M
All pre-assembled, no battery module handling on site



Various Application Solutions

Variety of applications are supported such as peak-shift, peak-cut, frequency regulation, etc.



Safety and Reliable

Multi-level battery protection layers formed by discreet standalone systems offer impeccable safety

Application scenarios



Solar EV charging systems



High powered industry



Energy arbitrage



Microgrids

Parameters

Product Model	Titan-2.15MWh+1MW
Battery Side Parameters	
Cell Parameters	3.2V280Ah LFP
Pack Parameters	1P16S
Battery Cluster	1P16S*15
System Combination	2*5*1P240S
Rated Energy	2.15MWh
Rated Voltage	768V
Operating Voltage Range	720-850V
Rated Multiplier	0.6P
Photovoltaic Side Parameters	
Rated Voltage	600V
Rated Current	100A
MPPT Max. Range	420-850V
MPPT Rated Power	50kW
Number Of MPPT Channels	2*10
AC Side Parameters	
Output Power	1MW
Rated Voltage	380/400V 3W+N+PE
Rated Frequency	50HZ
Response Time	20ms
Conversion Efficiency	98%
System Parameters	
Operating Temperature Range	Charge: 0~55°C / Discharge: -10~60°C
Operating Humidity Range	5-85%RH
Depth Of Discharge	80-90%
Cycle Life	≥10000 Cycles (25°C±2°C, 0.35C, 80%DOD@65%EOL)
Protection Grade	IP55
System Cycle Efficiency	≥90%@AC
Cooling Method	Air cooling
Fire Protection System	Perfluorohexanone
Dimension	40FT
Certification	Cell:UL1973/IEC62619/UL9540A/TUV/CE
1600A DC Battery Combiner Cabinets	
Product Model	1500V DC 1600A *1 PCS
Max. Working Voltage	1500V
Max. Charge/Discharge Current	1600A
PCS Power	500kW-1000kW
Communication Mode	TCP/485/CAN/232
Operating Temperature Range	Charging: 0~55 C / Discharging: -10~60 C
Operating Humidity Range	5-85%RH
Protection Grade	IP20
Fire Protection System	Aerosol
Dimension	600*323*2084mm

PROJECT CASES

▼ Italy 50kWh/ 24kW



▼ Austria 20kWh /8kW



▼ Iraq 60kWh/20kW



▼ Germany Integrated Photovoltaic Energy Storage System



▼ Zambia,Power Reserve 40kWh/ 24kW



▼ Lebanon 50 kWh/ 35 kW



▼ France 60kWh/20kW



▼ Brazil 15kWh/8kW



▼ Columbia 20kWh/10kW



▼ South Africa 40kWh/24kW



▼ Nigeria 30kWh/ 15kW



▼ Germany 30kWh/20kWh Power Preparedness



▼ Uganda Commercial



▼ 2.15MWh/ 1MW PCS (Megarevo)



▼ South Africa Commercial



▼ 7.5FT 107kWh /50kW PCS(Deye)



▼ South Africa Commercial



▼ 2.15MWh/ 500kW PCS (Megarevo)/PV 500kW



▼ Nicaragua Commercial



▼ 1.075 MWh /500kW PCS(Megarevo)



▼ South Africa Commercial



▼ 430kWh/ 150kW+150kW PCS(Megarevo)



▼ South Africa Commercial



▼ 2.2MWA/2MW PCS (ATESS)



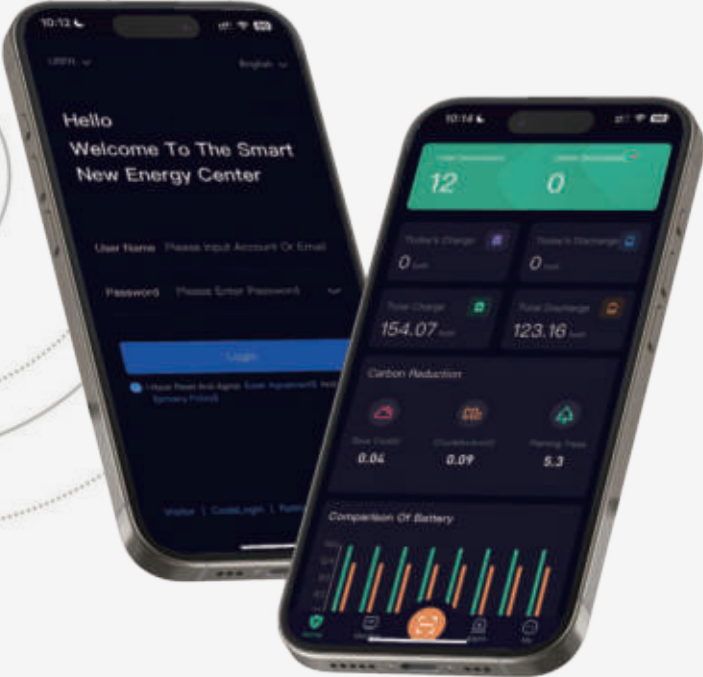
GENIXGREEN CLOUD(LV)

Fully Intelligent App Remote Control
Monitoring System

CONTROL

ANALYSIS

MANAGEMENT



DOWNLOAD OUR APP

No matter where you are, our PC and mobile phone platforms allow you to monitor energy information in real time anytime, anywhere, ensuring that you always have key data in hand without worrying about missing it.



ANDROID



IOS

Advantages of GENIXGREEN WIFI & APP

1. Remote OTA upgrade:

Based on big data technology, in-depth analysis of energy usage status and regional differences provides accurate support for product optimization and global sales.

2. Remote debugging and configuration:

Using the remote debugging function, you can easily configure 139 parameters of the device independently, just like sitting in the office operating the host computer, significantly reducing product operation and maintenance costs.

3. Intelligent dynamic data analysis:

Based on big data technology, in-depth analysis of energy usage status and regional differences provides accurate support for product optimization and global sales.

4. Real-time warning and response:

Receive real-time warning information of products in a timely manner, discover and quickly solve problems in advance, ensure a seamless user experience, and further improve product quality and service levels.

5. One-click network configuration:

Conveniently complete the device's WiFi online configuration through APP or mobile hotspot, simplifying the operation process and improving user convenience.

8. Hierarchical management:

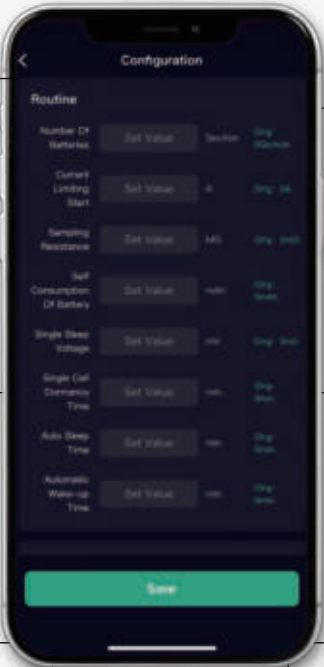
Flexibly manage dealers and equipment through hierarchical division and authority management, and support unified management of multiple brands and dealers on the same platform.

7. Innovative client APP:

Design a beautiful and simple interface, greatly improve user operability and experience, and help the product move towards international branding.

6. Global node deployment:

Nodes are set up in more than 40 countries around the world to provide stable and reliable service support for global product distribution.



GENIXGREEN CLOUD(HV) TO APP CONNECTION

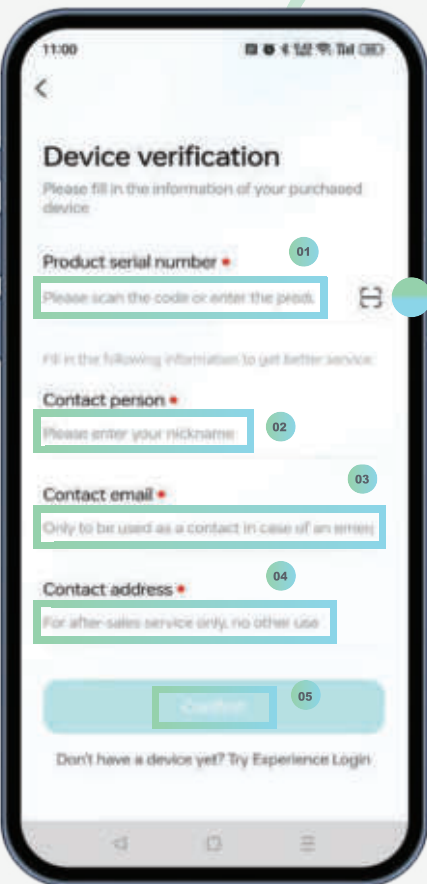
Scan the QR code to download the app and install it (choose the default browser to open and download)



https://ievcloud.com/app_xdcn.html

Apple/android Download website/QR code

REGISTER ACCOUNT



Scan the QR code or manually enter the SN code (this sticker is on the side of the PDU control box), and fill in the registered account, email, and contact address. Finally, click "Finish" to complete the device binding;



A Open the WIFI and Bluetooth options on your phone:

B Select the Wi Fi device configuration and click to enter:

C Click the next button:

D Scan the QR code again or receive the input SN code:

E Select and connect an available WiFi (2.4 GHz and name cannot contain Chinese characters or symbols):

F Enter the WiFi password to connect:

CONNECTION COMPLETED, CHECK STATUS

Check WiFi parameters to ensure that WiFi is 2.4GHz, otherwise it may cause connection failure; If the connection speed is below 100Mbps, it may cause poor internet speed.

VIEW CLICK COMPLETION STATUS

After successful connection, you can check the operating status of the battery system