TECHNOLOGY LUSTER LIFE

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SANO ENERGY

ENERGY STORAGE

SYSTEM SOLUTION LEADER

Residential, Commercial & Industrial Energy Storage Solution

COMPANY PROFILE

SanoPower New Energy Group was established in 2010 with the purpose of "providing smart energy solutions to the world". It has invested in the construction of a 50-acre Shenzhen Industrial Park. The group has successively established photovoltaic module divisions, off-grid power supply divisions and LED lighting divisions, and independently developed integration and control modules, gradually realizing and becoming the most competitive technology innovation enterprise. At present, the group has independent research and development and dozens of patents. Over the past ten years, the company's products have been exported to more than 100 countries, working hard for the goal of " lighting up the world"!In 2021, the company was included in the second batch of national smart photovoltaic pilot demonstration enterprises. In addition, the group has obtained ISO90001 quality management system certification.With ISO14001, ISO45001 quality system certification, as well as internationally recognized authoritative certifications such as TUV, CQC, BV, CE, FCC, SanoPower provides you with the most professional photovoltaic energy storage power generation system solutions.

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.

Stablity

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

02

03

Intelligence

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

Cloud data

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

04

05

High efficiency

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

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.

06

RESIDENTIAL PROJECT PLAN

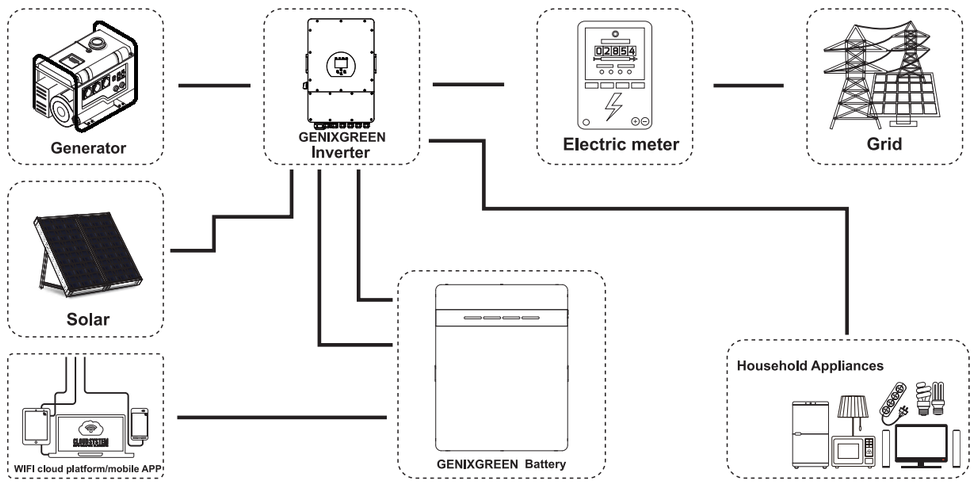
Applicable scenarios

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 *	≥6000 Cycles (25°C±2°C, 0.2C/0.2C, 80%DOD)				
Charge Temperature Range	0~55℃				
Discharge Temperature Range	-20~55℃				
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)				
Optional	WiFi remote monitoring				

*Test Condition: 80% DOD, 0.2C charge & discharge @25℃

Product Features:

- DOD 80% — 6000 cycles at 80% DOD
- 1C/1C — 1C/1C continual charge and discharge
- 5 years — 5 years standard warranty
- Compatible with multiple inverter brands
- WIFI Remote monitoring
- Superior LiFePO4 safety performance
- Low voltage safety connection
- MAX 16 — 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

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 *	≥6000 Cycles (25°C±2°C, 0.2C/0.2C, 80%DOD)		
Charge Temperature Range	0~55℃		
Discharge Temperature Range	-20~55℃		
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)		
Optional	WiFi remote monitoring		

Product Features:

- DOD 80% — 6000 cycles at 80% DOD
- 1C/1C — 1C/1C continual charge and discharge
- 5 years — 5 years standard warranty
- Compatible with multiple inverter brands
- WIFI Remote monitoring
- Superior LiFePO4 safety performance
- Low voltage safety connection
- MAX 16 — 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 *	≥6000 Cycles (25°C±2°C, 0.2C/0.2C, 80%DOD)	
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	556*555*300mm
Net Weight	64Kg	68Kg
Installation Method	Wall Mounted/Floor Standing	
Warranty	5 Years(under warranty terms)	
Optional	WiFi remote monitoring	

*Test Condition: 80% DOD, 0.2C charge & discharge @25℃

Product Features:

- DOD 80% — 6000 cycles at 80% DOD
- 1C/1C — 1C/1C continual charge and discharge
- 5 YEARS — 5 years standard warranty
- Compatible with multiple inverter brands
- WIFI Remote monitoring
- Superior LiFePO4 safety performance
- Low voltage safety connection
- MAX 16 — Max.16 modules in parallel
- Cloud management & monitoring OTA update remotely

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 *	≥6000 Cycles (25°C±2°C, 0.2C/0.2C, 80%DOD)	
Charge Temperature Range	0~55℃	
Discharge Temperature Range	-20~55℃	
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)	
Optional	WiFi remote monitoring	

*Test Condition: 80% DOD, 0.2C charge & discharge @25°

Product Features:

- DOD 80% — 6000 cycles at 80% DOD
- 1C/1C — 1C/1C continual charge and discharge
- 5 years — 5 years standard warranty
- Compatible with multiple inverter brands
- WIFI Remote monitoring
- Superior LiFePO4 safety performance
- Low voltage safety connection
- MAX 16 — Max.16 modules in parallel
- Cloud management & monitoring OTA update remotely

51.2V Wall Mounted LiFePO4 Battery

5.12kWh/10.24kWh

Product Model	AM5+	AM10+
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 *	≥6000 Cycles (25°C±2°C, 0.2C/0.2C, 80%DOD)	
Charge Temperature Range	0~55℃	
Discharge Temperature Range	-20~55℃	
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	Wall Mounted/Floor Standing	
Warranty	5 Years(under warranty terms)	
Optional	WiFi remote monitoring	

Product Features:

- DOD 80% — 6000 cycles at 80% DOD
- 1C/1C — 1C/1C continual charge and discharge
- 5 years — 5 years standard warranty
- Compatible with multiple inverter brands
- WIFI Remote monitoring
- Superior LiFePO4 safety performance
- Low voltage safety connection
- MAX 16 — Max.16 modules in parallel
- Cloud management & monitoring OTA update remotely

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 *	≥6000 Cycles (25°C±2°C, 0.2C/0.2C, 80%DOD)		
Charge Temperature Range	0~55℃		
Discharge Temperature Range	-20~55℃		
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)		
Optional	WiFi remote monitoring		

Product Features:

- DOD 80% — 6000 cycles at 80% DOD
- 1C/1C — 1C/1C continual charge and discharge
- 5 years — 5 years standard warranty
- Compatible with multiple inverter brands
- WIFI Remote monitoring
- Superior LiFePO4 safety performance
- Low voltage safety connection
- MAX 16 — 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

IEC 62619

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 *	≥6000 Cycles (25°C±2°C, 0.2C/0.2C, 80%DOD)		
Charge Temperature Range	0~55℃		
Discharge Temperature Range	-20~55℃		
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*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)		
Optional	WiFi remote monitoring		

Product Features:

- DOD 80% — 6000 cycles at 80% DOD
- 1C/1C — 1C/1C continual charge and discharge
- 5 YEARS — 5 years standard warranty
- Compatible with multiple inverter brands
- WIFI Remote monitoring
- Superior LiFePO4 safety performance
- Low voltage safety connection
- MAX 16 — 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

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			
Maximum 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 *	≥6000 Cycles (25°C±2°C, 0.2C/0.2C, 80%DOD)			
Protection Grade	IP20			
Dimension	935*670*176mm	1310*670*176mm	1685*670*176mm	2060*670*176mm
Net Weight	80Kg	129Kg	178Kg	227Kg
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%			
Maximum PV Open Circuit Voltage	500VDC			
MPPT Voltage Range	120~430VDC			
Maximum PV Input current	18A			
Maximum AC input current	20A			
Maximum AC output current	22.7A			
Display	LCD screen			
Certificates	ROHS/UN38.3/MSDS			

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-BOX2-384 10kWh High Voltage LiFePO4 Battery Module

384V 27Ah

4 safety protection management level

Parameter Adjustability

High voltage, small current, low cost design for whole system

IEC 62619

HV-BOX2-384 10kWh High Voltage LiFePO4 Battery Module

384V 27Ah

Product Model	HV-BOX2-384
Battery System Rated Voltage	384VDC
Battery System Working Voltage Range	300VDC~438VDC
Nominal Capacity	27Ah
Cycle Life	6000 times (Initial capacity 80%) @25℃
Configuration	120S1P
Net Weight	≈100KG
System Energy Density Ratio	≥168wh/kg
Charge Current	0.5C(Max. 1C)
Continuous Discharge Current	1C
SOC Working Range	5%-100%
Electrical Insulation	In the full cycle of the battery, the insulation resistance value of any terminal should not be less than 2MΩ
Protection Grade	IP45
System Cooling Method	Natural cooling
Delivery SOC	45%
Dimension	1100*520*200mm
Working Temperature	-10°C/65°C (optional heating device below 0°C)
Certificate	CEI 0-21/CE/EMC/IEC 62619 by TUV

BMS Master Control Parameters

Working Voltage	9-32VDC (Single Reverse connect protection), rated DC24V				
Working Temperature	-20℃/65℃				
Current Detection	1200A≤±1%				
Consumption	3W (Without load)				
Communication	LAN	Communication rate: 10M/100M		Electrical isolation: 3000VDC	
	CAN	Communication rate: 250K/500K		Electrical isolation: 2500VDC	
	RS485	Communication rate: 9600bps		Electrical isolation: 2500VDC	
	RS232	Communication rate: 9600bps		Electrical isolation: 2500VDC	
	DO Output	High-side output voltage VDC: 9V-32V		Power: 43.8W	
Interface	High-side instantaneous power:72W				
	Dry contact output voltage	24V1A	Electrical isolation		3000VDC
	DI Input	High voltage VDC	9V-32V	Low volatge	< 0.5V
Storage	Data record	EMMC storage	8G	External TF card	0~128G
	Storage	512M			
	USB	1*USB2.0			
Insulation Withstand Voltage	Communication	LAN		3000VDC	
		CAN/RS485/RS232		2500VDC	
Monitoring Capability		1 Total controller manages 30 master controllers (about 5.5MWH energy storage)			

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

IEC 62619

HV Stackable Battery
HV-BOX3-512

Product Model		HV-BOX3 204V-50Ah	HV-BOX3 256V-50Ah	HV-BOX3 307V-50Ah	HV-BOX3 358V-50Ah	HV-BOX3 409V-50Ah	HV-BOX3 460V-50Ah	HV-BOX3 512V-50Ah
Rated Voltage		204V	256V	307.2V	358.4V	409.6V	460.8V	512V
Rated Capacity		50Ah (0.5C)						
Battery module	Spec.	51.2V 50Ah						
	Weight	29KG						
	Dimension	700*280*135mm						
Configuration		64S1P	80S1P	96S1P	112S1P	128S1P	144S1P	160S1P
Charging Voltage		230.4V	288V	345.6V	403.2V	460.8V	518.4V	576V
Discharge Voltage		179.2V	224V	268.8V	313.6V	358.4V	403.2V	448V
Rated Charge And Discharge Current		25A(0.5C)						
Maximum Charge And Discharge Current		30A						
Rated Power		5kW	6kW	7.5kW	9kW	10kW	11.5kW	12.8kW
Maximum Output Power		6kW (Adjustable)	7kW (Adjustable)	9kW (Adjustable)	10kW (Adjustable)	12kW (Adjustable)	13kW (Adjustable)	15kW (Adjustable)
Recommended Depth Of Discharge		90%						
Working Temperature Range		-10℃~+50℃						
Working Humidity Range		5-85%RH						
Communication Method		CAN2.0/RS485						
Number Of Parallel Machines Supported		10PCS(Max)						
Cycle Life		≥6000 cycles (25+2℃,0.2C/0.2C,DOD80%,EOL70%)						
Display Method		LCD(4.3 inch)						
OTA Updating		Support remote OTA Upgrade,With WiFi Monitoring						
Protective Function	Voltage Protection	Over charge and over discharge						
	Temperature Protection	Over temperature range protection						
	Current Protection	YES						
	Leakage Protection	YES						
	Dielectric Withstand Voltage	Single box 1000VDC(<1GΩ)						
Dimension		700*280*810mm	700*280*945mm	700*280*1080mm	700*280*1215mm	700*280*1350mm	700*280*1485mm	700*280*1620mm
Net Weight		140KG	165KG	193KG	221KG	249KG	277KG	305KG
Protection Grade		IP 65						
Certificate		CEI 0-21/CE/EMC/IEC 62619 by TUV						

Product Features:

Support 2~10PCS battery modules connected in series, flexible extension

Easy connection for Wi-Fi remotely monitoring system anytime

OTA Remote upgrade, simple maintenance

DC+AC COUPLING PROJECT PROPOSAL

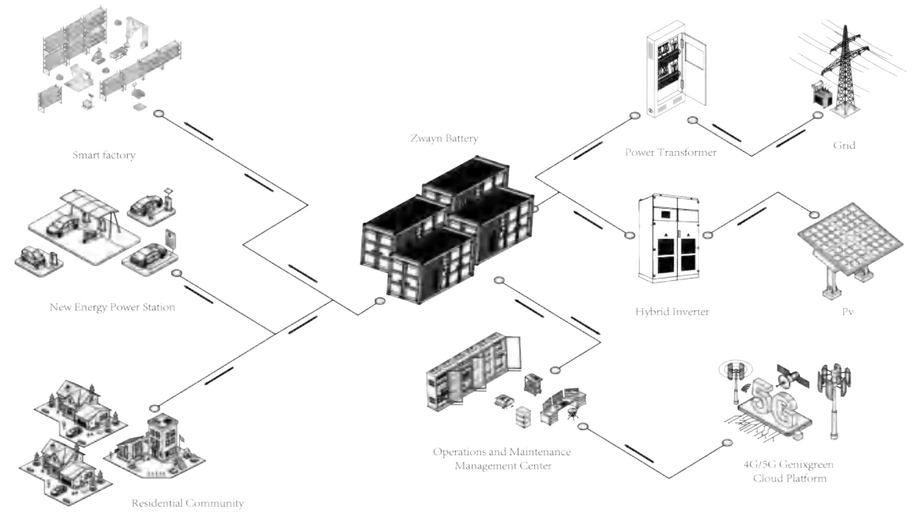
Applicable scenarios

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

Product Features

- Advanced BMS algorithms and Cloud to achieve BMS 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 Wi-Fi remotely monitoring system anytime.

Tower-X-HV-Series

Energy Storage System

OTA Remote upgrade, simple maintenance

Support 2-7PCS battery modules connected in series, flexible extension

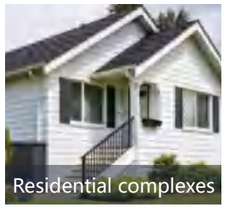
Intelligently identify the master-slave batteries auto DIP address

Support 10 clusters in parallel without combiner box

Application scenarios


Solar EV charging systems


High powered industry


Residential complexes


Commercial centers

Battery System Parameter

Product Model	Tower-X-HV-Series
Nominal Energy	10.24*n kWh
Battery System Voltage	102.4*n Vdc
Battery System Capacity	100Ah
Battery Module	HV-Tower-32S100
Battery Module Energy	10.24kWh
Battery Modules Qty.	2-7 (Optional)
Battery System Charge Upper-Voltage	115.2*n Vdc
Charge/Discharge Current(Standard)	50A
Charge/Discharge Current(Normal)	80A
Charge/Discharge Current(Max.)	100A
Battery System Discharge lower-Voltage	89.6*n Vdc
Efficiency	98%
Depth Of Discharge	90%
Dimension	755*527*1660*N(N≤7)
Communication	Modbus RTU/CAN
Net Weight	100kg+75*n kg
Operation Life	10+years
Operation Temperature	10~40℃
Storage Temperature	-20~60℃
Humidity	5%~95%
Altitude	< 2000m
Certificate	Cell UL1973/IEC62619/UL9540A/TUV/CE
Cycle Life	25±2℃/0.2C/80% DOD≥7000
Parallel CAN	yes≤4

● Note: The parallel operation of 2 clusters of batteries allows a maximum current charge and discharge of 1C, the parallel operation of 3 clusters of batteries allows a maximum current charge and discharge of 0.8C, and the parallel operation of 4 clusters of batteries allows a maximum current charge and discharge of 0.7C; if the number of parallel battery clusters is > 4, You must contact our company's technical personnel for communication and confirmation before upgrading and guiding the operation and paralleling.

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

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

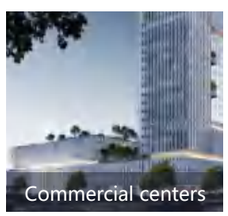
40KW vehicle charging pile (optional)

Application scenarios


Solar EV charging systems


High powered industry


Residential complexes


Commercial centers

Parameters

Product Model	HV-TOWER3-215kWh	Note
Systemparameter		
Battery Nominal Voltage	768V.DC	Battery side
Battery Voltage Range	672V ~ 864V.DC	Battery side
Battery System Configuration	240S1P	Battery series and parallel connection mode
PCS Distribution Power	120kW	Matched inverter power
AC Output Terminal Voltage	400V@AC ± 5%	Output AC side
MPPT Power	60KW (250 - 850VDC)	Recommend Range
PV Input Range	200 - 1000V/200A	Max. power 85kW
Nominal Capacity Of Battery System	215kWh	
Dischargeable Capacity Of Battery System	≈ 200kWh	90%DOD
System Efficiency	≥ 90%@AC	
Dimension	2200*1364*2051mm	Include air - conditioner size
Protection Grade	IP55	
Operating Temperature Range	- 20 ~ 50℃	
Operating Humidity Range	≤ 95% (No condensation)	
Maximum Working Altitude	2000m	
Cooling Method	Air - cooling	
Fire Suppression System	Aerosol	
System Communication Protocol	Modbus - RTU/TCP/CAN	
Certificate	Cell:UL1642 / IEC62619 / CE / ROHS / MSDS /UN38.3	
Cell parameters		
Cell Type	Lithium Iron Phosphate (LiFePO4)	
Cell Nominal Voltage	3.2V	
Cell Nominal Energy	896Wh	
Rated Work Rate	0.5C	
Rated Work Current	140A	
Module Parameters		
Configuration	1P24S	
Module Nominal Voltage	76.8V	
Module Nominal Energy	21.5kWh	
Dimension	792*710*255mm	
Net Weight	About 180kg	
AC Side Parameters		
STS Transfer Switch Power	240kW	
On&off Grid Time	≤20ms	
System Devices Lists		
Battery System	10 sets of battery module with shelf	
EMS Management System	1 set	
BMS Management System	1 set	
PCS With MPPT Controller	1 set	
Fire Suppression System	1 set	
Air-cooling	1 set	

Standard 32S Module

100Ah Battery Module+ PDU

102.4V 100Ah High Voltage Battery Module

1000V100A High Voltage Control Box

Product Model	HV-Tower-32S100
Basic Parameters	
Energy	10.24kWh
Nominal Voltage	102.4Vdc
Nominal Capacity	100Ah
Voltage Range	89.6-115.2Vdc
Depth Of Discharge	90%
Dimension	745*517*153mm
Protection Grade	IP20
Net Weight	75kg
Operation Temperature	0-50℃
Storage Temperature	-20~60℃
Certificate	CE/UN38.3/MSDS

Product Model	HV-PDU 1000VDC100A
Basic Parameters	
Related Product	Magic71
Controller Working Voltage	200-1000Vdc
System Operation Voltage	200-1000Vdc
Charge/Discharge Current	100A(Max.)
Self-Consumption Power	30W
Dimension	745*517*240mm
Communication	Modbus RTU/CAN
Protection Grade	IP20
Net Weight	25kg
Operation Temperature	0-50℃
Storage Temperature	-20~60℃

Standard 16S Module

280Ah Battery Module+ PDU

51.2V 280Ah High Voltage Battery Module

1000V200A High Voltage Control Box

Parameters

Product Model	HV-TOWER-16S280	Remark
Nominal Energy	14.33kWh	51.2V280Ah
Rated Capacity	280Ah@25℃/0.2C	0.2C charge and discharge
Rated Voltage	51.2V	16S1P
Charging Voltage	57.6V	Constant current/ Constant voltage charging
Discharge Termination Voltage	44.8V	Cutoff discharge
Rated Chargeingcurrent	140A	0.5C
Maximum Charging Current	168A	
Rated Discharge Current	140A	0.5C
Maximum Discharge Current	168A	
Dimension	416*782*240	L*W*H (mm)
Net Weight	≈120Kg	
Internal Impedance	<160mΩ	

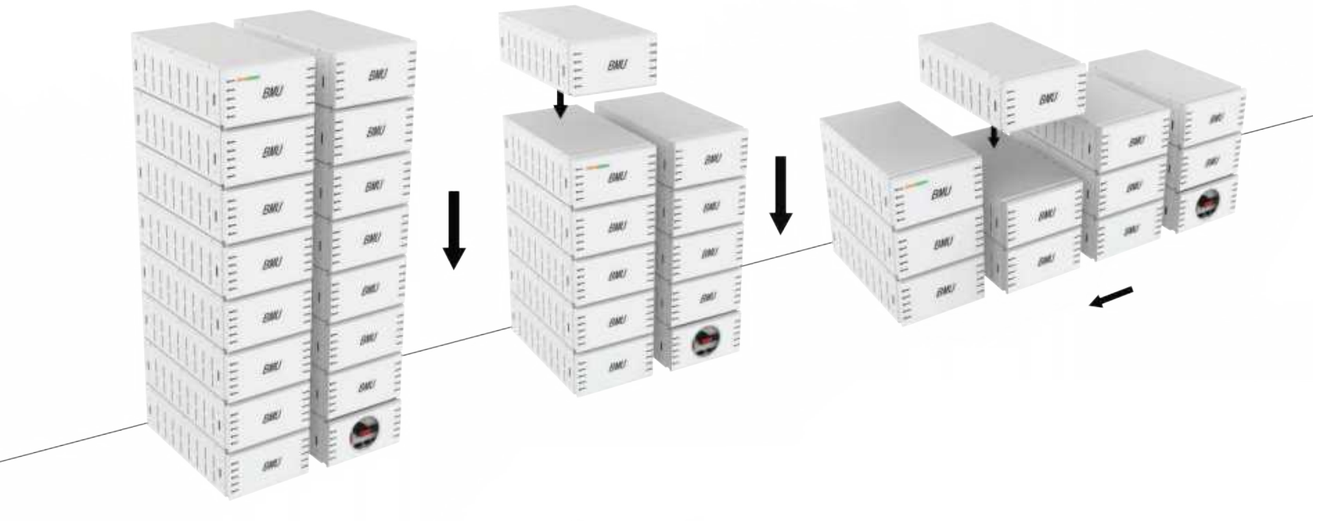
Parameters

Product Model	HV-PDU 1000VDC200A	Remark
Applicable Voltage Platform	256V-768V	
Number Of Adapted Modules	5-15	Minimum use of 5 modules
Rated Current	200A	
Maximum Current	150A	
Dimension	416*782*240	L*W*H (mm)
Net Weight	30Kg	

Multiple Combination Options

Battery Stackable Solution

Freely stackable design, saving space and bracket costs



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-X-HV-768V280Ah
Rated Voltage	768V
Operating Range	672V-864V
Charge Cut-off Voltage	850-864V
Discharge Cut-off Voltage	850-672V
Rated Charging/discharging Current	140A
Nominal Energy	215kWh
Maximum Output Power	107KW
Adaptable PCS Power	50-100KW
Communication Mode	CAN
System Dischargeable Energy	208kWh
Operating Temperature Range	Charging: 0~55°C / Discharging: -10~60°C
Operating Humidity Range	5-50%RH
Depth Of Discharge	80-90%
Cycle Life	25±2℃/0.2C/80% DOD≥8000
Protection Grade	IP20
System Cycle Efficiency	≥90%@AC
Cooling Method	Natural air cooling
Fire suppression	Aerosol(optional)
Dimension	1020*785*2059mm
Net Weight	≈1850~1950Kg
Certificate	Cell UL1973/IEC62619/UL9540A/TUV/CE
Parallel CAN	yes≤6

● Note: This energy storage product is designed to share container energy storage and indoor energy storage. Therefore, this product supports multi-cluster parallel operation. The parallel function must use an industrial air conditioner that matches the PCS power and battery power for heat dissipation. There is no matching power. Parallel operation of air conditioners is prohibited **(parallel operation requires a special converging cabinet and supporting BMS control software, and an industrial air conditioner that matches the heat dissipation capacity required by the product output power. Please contact our company's technical staff for the above specific information. After communication and confirmation, the upgrade can be carried out. Guide the parallel operation. It is strictly forbidden to parallel the computer without permission. This operation will cause serious safety accidents.)** The default software shipped is the non-parallel version.

Tower-HV-768V280Ah

768V 280Ah Standard Rack

Detachable design, flexible adjustment
of the number of batteries

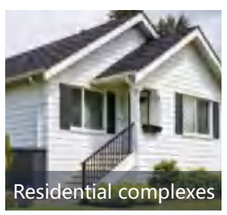
Safe and reliable
Longer cycle life

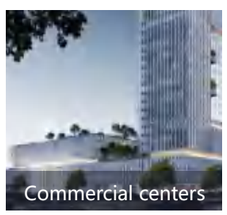
Suitable for installation
inside containers

Built in fan accelerates
heat dissipation

Smart BMS high power

Application scenarios





Parameters

Product Model	Tower-HV-768V280Ah
Nominal Energy	215kWh
Rated Capacity	280Ah@25℃/0.2C
Rated Voltage	850-768V
Charge Limit Voltage	650-864V
Discharge Termination Voltage	672V
Rated Charging Current	140A
Maximum Charging Current	168A
Rated Discharge Current	140A
Maximum Discharge Current	168A
Standby Power Consumption	≤40W (Max)
Recommended Discharge Depth	80-90% (Max)
Cycle Life	25±2℃/0.2C/80% DOD≥8000
Operating Temperature Range	Charge: 0~55℃/Discharge: -10~60℃
Operating Humidity Range	5-85%RH
Protection Grade	IP20
Communication Method	CAN
Heat Dissipation	Air Cooled
Dimension	970*810*2094mm
Net Weight	≈2200Kg
Certificate	Cell UL1973/IEC62619/UL9540A/TUV/CE
Parallel CAN	yes

● Note: This energy storage product is designed to share container energy storage and indoor energy storage. Therefore, this product supports multi-cluster parallel operation. The parallel function must use an industrial air conditioner that matches the PCS power and battery power for heat dissipation. There is no matching power. Parallel operation of air conditioners is prohibited **(parallel operation requires a special converging cabinet and supporting BMS control software, and an industrial air conditioner that matches the heat dissipation capacity required by the product output power. Please contact our company's technical staff for the above specific information. After communication and confirmation, the upgrade can be carried out. Guide the parallel operation. It is strictly forbidden to parallel the computer without permission. This operation will cause serious safety accidents.)** The default software shipped is the non-parallel version.

Magic 71kWh

Outdoor Energy Storage All-in-one Cabinet61kWh/71kWh

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

Outdoor Energy Storage All-in-one Cabinet

Safe and reliable
Longer cycle life

Remote Monitoring
Self-developed APP

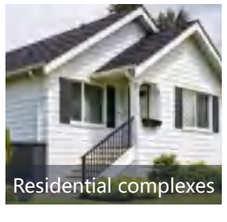
Smart and friendly WiFi
remote Monitoring

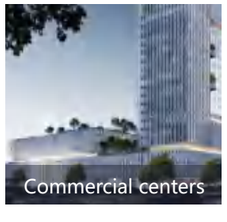
Smart BMS high power

Application scenarios


Solar EV charging systems


High powered industry


Residential complexes


Commercial centers

Function Parameters

Product Model	Magic 61-50	Magic 71-50
Nominal Energy	61kWh	71kWh
Nominal Voltage	614.4V	716.8V
Nominal Capacity	100Ah	100Ah
Cell Type	LFP	LFP
Standard Charge Voltage	691.2V	806.4V
Max Charge Current	100A	100A
Discharge Cut-Off Voltage	556.8V	645V
Max Discharge Current	100A	100A
Maximum Working Altitude	2000m	
Working Humidity Range	≤95% (no condensation)	
Cooling Method	Air cooling	
Cycle Life *	25±2℃/0.2C/80% DOD≥7000	
Range Of Working Temperature	-20 ~ 50℃	
Fire Fighting System	Aerosol	
Certificate	Cell:UL1642 / IEC62619 / CE / ROHS / MSDS /UN38.3	
Dimension	1066*1174*1561mm	
Net Weight	≈900kg	≈1000kg
Battery system	BMS management system, fire protection system, air-cooled unit, cabinet, PCS system	

Function Parameters

Afore · GOODWE · Deye · ATESS · Growatt · solis inverters · Thinkpower · hoymiles · SOFAR SOLAR · invt · SOLINTEG · INHENERGY · SINEXCEL · SOLAX POWER

Magic 143kWh

Outdoor Energy Storage All-in-one Cabinet

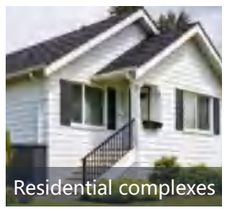
Safe and reliable
Longer cycle life

Remote Monitoring
Self-developed APP

Smart and friendly WiFi
remote Monitoring

Smart BMS high power

Application scenarios



Function Parameters

Product Model	Magic 122-100	Magic 143-100
Nominal Energy	122.8kWh	143.2kWh
Nominal Voltage	614.4V	716.8V
Nominal Capacity	200Ah	200Ah
Cell Type	LFP	LFP
Standard Charge Voltage	691V	806V
Max Charge Current	200A	200A
Discharge Cut-off Voltage	537V	627V
Max Discharge Current	200A	200A
Maximum Working Altitude	≤2000m	
Working Humidity Range	5-85%RH (no condensation)	
Cooling Method	Air cooling	
Cycle Life *	25±2℃/0.2C/80% DOD≥7000	
Range Of Working Temperature	-10 ~ 60℃	
Fire Fighting System	Aerosol	
Certificate	Cell:UL1642 / IEC62619 / CE / ROHS / MSDS /UN38.3	
Dimension	2000*1082*1676.5mm	
Protection Grade	IP55	
Net Weight	≈1.2T	≈1.4T
Battery System	BMS management system, fire protection system, air-cooled unit, cabinet, PCS system	

Function Parameters

215kWh +120kW High Voltage

Integrated Energy Storage Cabinet

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.

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.

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 Maximum 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	25±2°C/0.2C/80% DOD≥8000
Protection Grade	IP55
System Cycle Efficiency	≥90%@AC
Cooling Method	Air cooling
Fire-fighting System	Perfluorohexanone
Dimension	10FT
Certificate	Cell:UL1973/IEC62619/UL9540A/TUV/CE

630A DC Battery Combiner Cabinets	
Product Model	1000V DC 630A * 1 PCS
Maximum Working Voltage	1000V
Maximum 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 Fighting System	Aerosol
Dimension	700*600*1680mm

Magic 143kWh

Outdoor Energy Storage All-in-one Cabinet

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

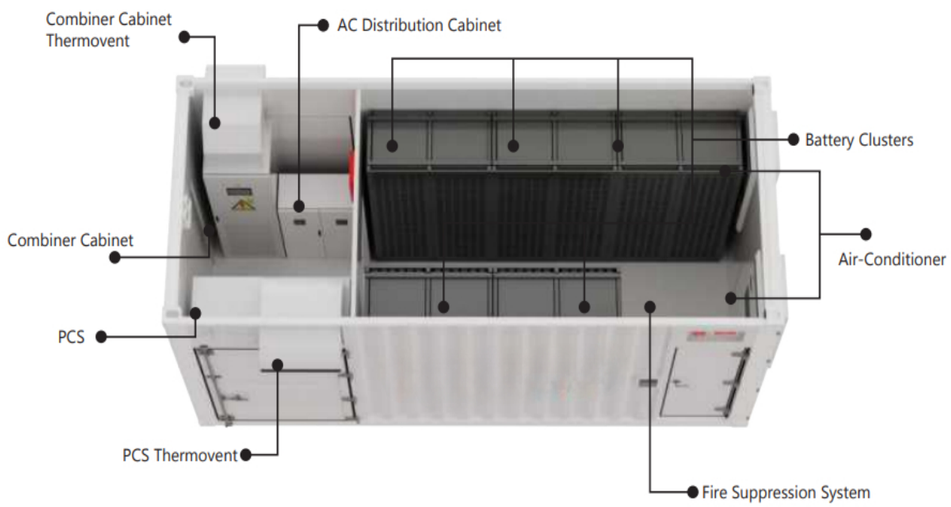
HV Energy Storage System

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.

Various Application Solutions

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

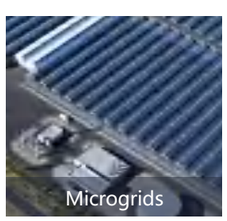
Easy Installation

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.

Application scenarios



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 Maximum 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	25±2℃/0.2C/80% DOD≥8000
Protection Grade	IP55
System Cycle Efficiency	≥90%@AC
Cooling Method	Air cooling
Fire-fighting System	Perfluorohexanone
Dimension	20FT
Certificate	Cell:UL1973/IEC62619/UL9540A/TUV/CE

800A DC Battery Combiner Cabinets	
Product Model	1500V DC 800A * 1 PCS
Maximum Working Voltage	1500V
Maximum 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 Fighting System	Aerosol
Dimension	700*600*1680mm

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.

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.

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	
System Combination	4*1P240S	5*1P240S
Rated Energy	860kWh	1.075MWh
Rated Voltage	768V	
Operating Voltage Range	720-850V	
Rated Multiplier	0.6P	0.5P
Photovoltaic Side Parameters		
Rated Voltage	600V	
Rated Current	100A	
Mppt Maximum Range	420-850V	
Mppt Rated Power	50KW	
Number Of Mppt Channels	10	
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	25±2°C/0.2C/80% DOD≥8000	
Protection Grade	IP55	
System Cycle Efficiency	≥90%@AC	
Cooling Method	Air cooling	
Fire-fighting System	Perfluorohexanone	
Dimension	20FT	
Product Certificate	Cell:UL1973/IEC62619/UL9540A/TUV/CE	
DC Battery Combiner Cabinets		
Product Model	1500V DC 800A * 1 PCS	1500V DC 800A *1 PCS
Maximum Working Voltage	1500V	1500V
Maximum Charge/discharge Current	800A	800A
PCS Power	250KW-500KW	500KW-1000KW
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 Fighting System	Aerosol	
Dimension	700*600*1680mm	800*600*2261mm

Titan -2.15MWh+1MW

40 Feet Commercial & Industrial BESS

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

Application scenarios


Solar EV charging systems


High powered industry


Energy arbitrage


Microgrids

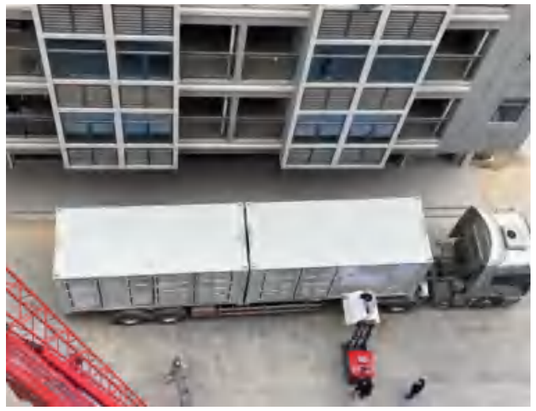
Parameters

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 Maximum 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	25±2°C/0.2C/80% DOD≥8000
Protection Grade	IP55
System Cycle Efficiency	≥90%@AC
Cooling Method	Air cooling
Fire-fighting System	Perfluorohexanone
Dimension	40FT
Certificate	Cell:UL1973/IEC62619/UL9540A/TUV/CE

1600A DC Battery Combiner Cabinets	
Product Model	1500V DC 1600A *1 PCS
Maximum Working Voltage	1500V
Maximum Charge/discharge Current	1600A
PCS Power	500KW-1000KW
Communication Mode	TCP/485/CAN/232
Operating Temperature Range	Charging: 0~55℃ / Discharging: -10~60℃
Operating Humidity Range	5-85%RH
Protection Grade	IP20
Fire Fighting System	Aerosol
Dimension	800*600*2261mm

▼ Middle East Commercial

▼ 1MWh *2



▼ Zambia, Africa, Commercial Power Reserve

▼ 143kWh/ 100kW PCS

▼ South Africa Commercial

▼ 1075kWh/ 500kW PCS

▼ South Africa Commercial

▼ 7.5FT 107kWh+50kW

▼ 860kWh/ 500kW PCS

▼ Pakistan Commercial Power Preparedness

▼ 2MWh

PROJECT CASES

▼ Italy 50kWh/ 24KW

▼ Austria 20kWh /8KW

▼ Zambia,Power Reserve
40kWh/ 24KW

▼ Lebanon 50 kWh/ 35 KW

▼ South Africa 40kWh/24KW

▼ Nigeria 30kWh/ 15KW

▼ South Africa Integrated Photovoltaic
Energy Storage System

▼ Germany Integrated Photovoltaic
Energy Storage System

▼ France 60kWh/20KW

▼ Brazil 15kWh/8KW

▼ Columbia 20kWh/10KW

▼ Pakistan 30kWh/20kWh Power Preparedness

GENIXGREEN CLOUD

Fully Intelligent App Remote Control
Monitoring System

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.

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.

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.

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.