Hystorix

NEW ENERGY, NEW LIFE



Household energy storage,
industrial and commercial energy storage.

30000 +

square meters

HUAYANG, CHINA,
HUAYANG OF THE WORLD



COMPANY PROFILE

Jiangxi Huayang New Energy Co., Ltd. is a professional high-tech enterprise dedicated to the R&D, production and sales of lithium battery energy storage systems. It focuses on residential, commercial and industrial, and portable energy storage, providing global clients with standardized energy storage products as well as customized OEM/ODM services.

In response to China's Dual Carbon goals, the company is committed to clean energy development. It has passed ISO 9001, ISO 14001, and ISO 45001 management system certifications. Its core products have obtained multiple authoritative TUV certifications, including IEC62619, IEC61000, UN38.3, IEC62040, and MSDS, garnering widespread global recognition.

With sales offices in Suzhou Industrial Park, Pakistan, and Bangladesh, the company operates a 30,000-square-meter intelligent manufacturing base in Shangrao National Economic and Technological Development Zone. Advanced production lines and professional testing platforms guarantee stable product quality and efficient order delivery.

Adhering to the philosophy of "Customer First, Technology-Driven," the company assembles professional R&D and sales teams, advances technological innovation in energy storage, and strives to boost green and low-carbon development, jointly building a sustainable future for all.



1kWh Portable Power Station **HYM00103D3.2314**

- Supports various communication protocols such as RS485, CAN, etc.
- Intelligent battery management system
- Modular structure for easy installation
- LED lights display the parameters of the equipment in real time
- Long cycle life
- Excellent security performance



Specifications

Inverter Module: 500W Bidirectional Inverter					
Grid-connected		PV Mode		Inverter Mode	
Rated Input Voltage	230V	Max. Charging Power	200W	Output voltage	176~230V ±5%
Input Voltage Range	176~264V	PV Voltage Range	12~55V	Rated Output Frequency	50/60Hz
Rated Input Frequency	50/60Hz	PV Start-up Voltage	≥9.1V	AC Output Power	500W
Max Input Current	3.5A	Max. Input Current Limit	15A	Grid to Inverter Mode Switch Time	20ms

Battery parameters			
Nominal capacity	1kWh	Battery cell specifications	3.2V/314Ah
Battery Type	LFP	Weight	10.0 kg
Operating voltage range	2.8~3.65V	Nominal voltage	3.2V
Dimensions （W*D*H）	200*145*292mm	Protection	BMS
Maximum continuous operating current	200A	Cycle life	≥6000 times

PORTABLE POWER STATION

2kWh Portable Power Station HYM00103D6.4314

- Supports various communication protocols such as RS485, CAN, etc.
- Intelligent battery management system
- Modular structure for easy installation
- LED lights display the parameters of the equipment in real time
- Long cycle life
- Excellent security performance



Specifications

Inverter Module: 1000W Bidirectional Inverter					
Grid-connected		PV Mode		Inverter Mode	
Charging current	150A	Charging Power	500W	Output voltage	110V/220V
Input Voltage Range	80~265V	Input voltage range	13~60V	Rated Output Frequency	50/60Hz
Switch time	≤10ms	Charging current	15A	AC Output Power	1000W
Bypass power	2000W	Charging voltage	7.3V	Peak power	2000W(1S)

Battery parameters			
Nominal capacity	2 kWh	Battery cell specifications	6.4V/314Ah
Battery Type	LFP	Weight	18.5 kg
Operating voltage range	5.4~7.3V	Nominal voltage	6.4V
Dimensions （W*D*H）	200*220*285mm	Protection	BMS
Maximum continuous operating	200A	Cycle life	≥6000 times



- LCD coloured screen display
- Integrated Fire Suppression System
- Support a variety of communication protocols,support RS485, CAN, etc.
- Intelligent battery management system
- Modular structure for easy installation
- LED lights display the parameters of the equipment in real time
- Long cycle life
- Excellent security performance

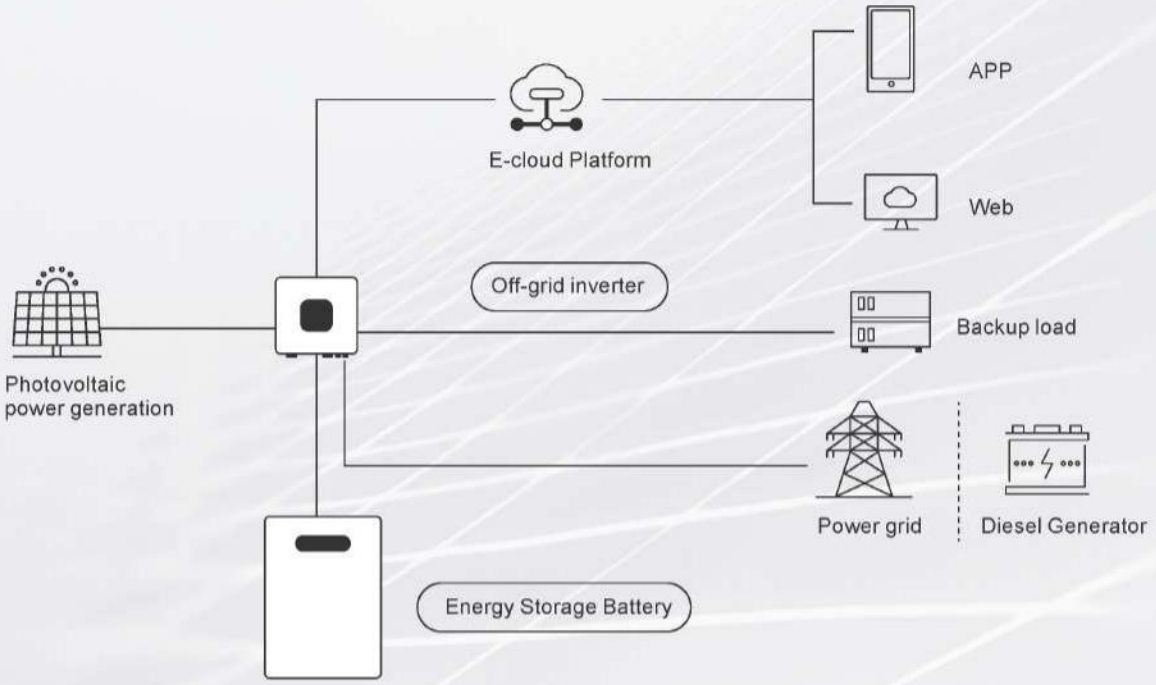
SMART ENERGY, SAFER LIVING

New Energy for Household Storage

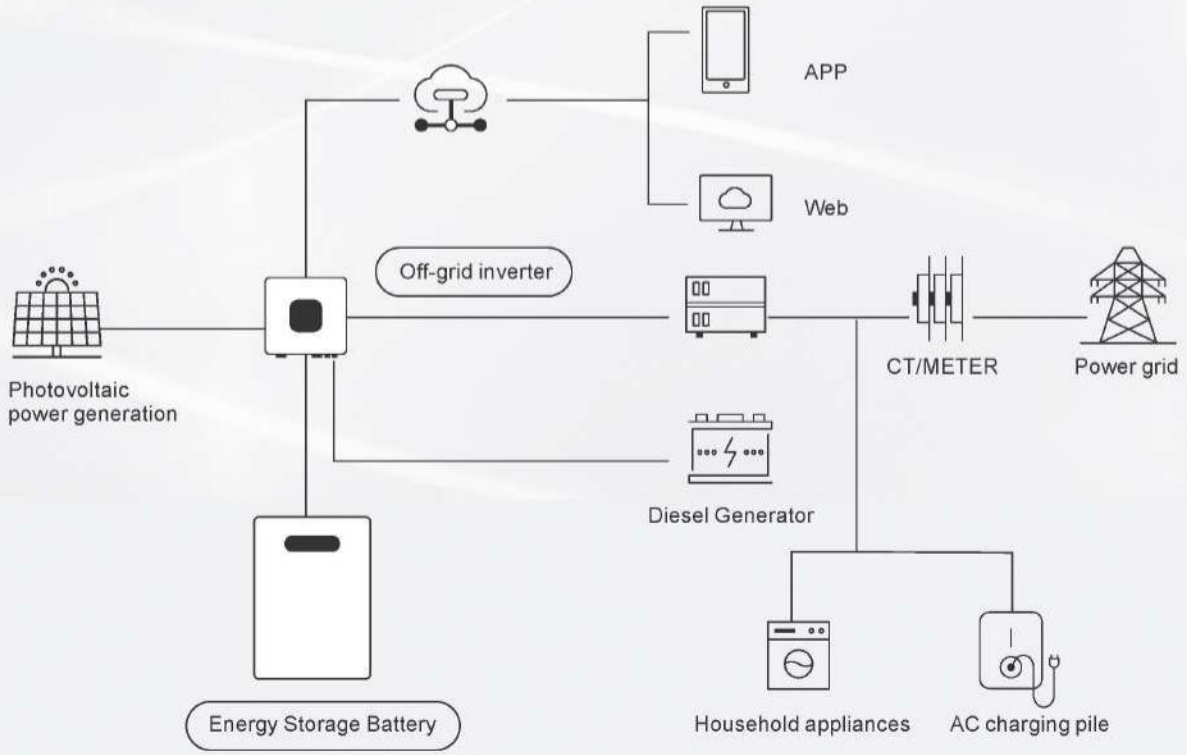


User Photovoltaic Storage Solutions

Storage Solution 1



Storage Solution 2



2.56kWh Residential BESS - Wall-mounted /Standing HYH00501D25.6100

- Supports various communication protocols such as RS485, CAN, etc.
- Intelligent battery management system
- Modular structure for easy installation
- Long cycle life
- Excellent security performance



Specifications

Product Model	HYH00501D25.6100
Nominal capacity	2.56kWh
Battery cell specifications	3.2V/100Ah
Cell configuration	1P8S
Battery cell type	LFP
Battery voltage range	22.4V~29.2V
Nominal voltage	25.6V
Battery cabinet dimensions (L*W*H)	480*350*165mm
Battery cabinet weight	28 kg
Rated current	50A
Charge-discharge mode	0.5P/0.5P
Communication Method	CAN/RS485
APP functions	Bluetooth/WIFI
Protection	BMS/Circuit breaker
DOD	85%
Number of cycles	≥6000 times
Design reference standard	GB/T 36276-2018, UN38.3, IEC62619, IEC61000
Operating temperature range	-20°C ~ 60°C
Altitude	＜2000m (2000m~4000m derated operation)
Color	RAL9016

5.12KWH RESS Certified Version-Wall mounted / Vertical **HYH003D51.2100 / HYE003D51.2100**

- Supports various communication protocols such as RS485, CAN, etc.
- Intelligent battery management system
- Modular structure for easy installation
- LED lights display the parameters of the equipment in real time
- Long cycle life
- Excellent security performance



Specifications

Product Model	HYH003D51.2100 / HYE003D51.2100
Nominal capacity	5.12kWh
Battery cell specifications	3.2V/100Ah
Cell configuration	1P16S
Battery cell type	LFP
Battery voltage range	44.8V~58.4V
Nominal voltage	51.2V
Battery cabinet dimensions (L*W*H)	460*420*145mm
Battery cabinet weight	45 kg
Rated current	50A
Charge-discharge mode	0.5P/0.5P
Communication interface	CAN/RS485
APP functions	Bluetooth/WIFI
Protection	BMS/Circuit breaker
DOD	85%
Number of cycles	≥6000 times
Design reference standard	GB/T 36276-2018, UN38.3, IEC62619, IEC61000
Operating temperature range	-20°C ~ 60°C
Altitude	＜2000m (2000m~4000m derated operation)
Color	RAL9001

10.5KWH Residential BESS - Wall-mounted /Standing **HYE00101D51.2205**

- Supports various communication protocols such as RS485, CAN, etc.
- Intelligent battery management system
- Modular structure for easy installation
- LED lights display the parameters of the equipment in real time
- Long cycle life
- Excellent security performance



Specifications

Product Model	HYE00101D51.2205
Nominal capacity	10.5kWh
Battery cell specifications	3.2V/205Ah
Cell configuration	1P16S
Battery cell type	LFP
Battery voltage range	44.8V~58.4V
Nominal voltage	51.2V
Battery cabinet dimensions (L*W*H)	420*750*239mm
Battery cabinet weight	88±2 kg
Rated current	100A
Charge-discharge mode	0.5P/0.5P
Communication interface	CAN/RS485
APP functions	Bluetooth/WIFI
Protection	BMS/Circuit breaker
DOD	85%
Number of cycles	≥6000 times
Design reference standard	GB/T 36276-2018, UN38.3, IEC62619, IEC61000
Operating temperature range	-20°C ~ 60°C
Altitude	＜2000m (2000m~4000m derated operation)
Color	RAL9001

16.07KWH Residential BESS - Vertical HYE00201D51.2314

- Supports various communication protocols such as RS485, CAN, etc.
- Intelligent battery management system
- Modular structure for easy installation
- LED lights display the parameters of the equipment in real time
- Long cycle life
- Excellent security performance



Specifications

Product Model	HYE00201D51.2314
Nominal capacity	16.07kWh
Battery cell specifications	3.2V/314Ah
Cell configuration	1P16S
Battery cell type	LFP
Battery voltage range	44.8V~58.4V
Nominal voltage	51.2V
Battery cabinet dimensions (L*W*H)	500*932*270mm
Battery cabinet weight	120kg
Rated current	157A
Charge-discharge mode	0.5P/0.5P
Communication interface	CAN/RS485
APP functions	Bluetooth/WIFI
Protection	BMS/Circuit breaker
DOD	85%
Number of cycles	≥6000 times
Design reference standard	GB/T 36276-2018, UN38.3, IEC62619, IEC61000
Operating temperature range	-20°C ~ 60°C
Altitude	＜2000m (2000m~4000m derated operation)
Color	RAL9001

Rack mounted Residential BESS



Rack mounted Residential BESS-----51.2V 206Ah

- Support a variety of communication protocols, support RS485, CAN, etc.
- Intelligent battery management system
- Modular structure for easy installation
- LED lights display the parameters of the equipment in real time
- Long cycle life
- Excellent security performance



Specifications

Product Model	51.2V 206Ah
Nominal voltage	51.2V
Battery cell specifications	206Ah
Nominal energy	10.5kWh
Cell configuration	1P16S
Battery cell type	LFP
Discharge current (Max.)	200A
Charge voltage	58.4V
Discharge current (Recommend)	100A
Charge current (Max.)	200A
Battery cabinet dimensions (W*H*D)	627*470*285mm
Battery weight	81.8±1kg
Status indicators	SOC/RUN/ALM
Communication interface	CAN/RS485
Communication in parallel	16
Switch	Available
Operating temperature range	-20°C ~ 60°C, Recommend: 10~35°C
Storage temperature	0~40°C
Humidity	5%~95%
Number of cycles (25°C)	≥6000
Scalability	Up to 168kWh (16 groups)
LCD	Available

Three-wheeled Electric Vehicle Batteries

7.8kWh
9.4kWh
12.7kWh

150km
180km
240km



Easy to install and widely adaptable

Three-wheeled electric vehicle

Four-wheeled electric vehicle

7.8kWh Three-wheeled Electric Vehicle Batteries **HYM00203D64122**

Three-wheeled Electric Vehicle Batteries

Longer Durability

Automotive-grade Power Batteries
3,000 cycles, 10-year lifespan

More Secure

Grade A Lithium Iron Phosphate (LFP) cells、puncture resistant、collision-proof、crush-resistant and temperature-tolerant (-20°C to 60°C)

Smarter

One-touch alarm、remote control、real-time monitoring
Smart positioning、battery protection、intelligent connectivity

More Cost-effective

Simple installation、wide compatibility



Easy to install and widely adaptable

Three-wheeled electric vehicle

Four-wheeled electric vehicle

Specifications

Product Model	HYM00203D64122
Battery capacity	122Ah(7.8kWh)
Nominal voltage	64V（Compatible with 6 0 V systems）
Power of motor	≤3kW
Continuous discharge current	120A
Maximum instantaneous discharge current	360A（30S）
Product size	570*310*200mm
Weight	51±1 kg
Temperature range	-20~60℃
Low- temperature heating	Optional
Number of cycles	≥3000 times
Warranty	3 years
Mileage	150km

9.4kWh Three-wheeled Electric Vehicle Batteries **HYM00204D76.8122**

Three-wheeled Electric Vehicle Batteries

Longer Durability

Automotive-grade Power Batteries
3,000 cycles, 10-year lifespan

More Secure

Grade A Lithium Iron Phosphate (LFP) cells、puncture resistant、collision-proof、crush-resistant and temperature-tolerant (-20°C to 60°C)

Smarter

One-touch alarm、remote control、real-time monitoring
Smart positioning、battery protection、intelligent connectivity

More Cost-effective

Simple installation、wide compatibility



Easy to install and widely adaptable

Three-wheeled electric vehicle

Four-wheeled electric vehicle

Specifications

Product Model	HYM00204D76.8122
Battery capacity	122Ah(9.4kWh)
Nominal voltage	76.8V （Compatible with 72V systems）
Power of motor	≤3kW
Continuous discharge current	120A
Maximum instantaneous discharge current	360A（30S）
Product size	676*310*215mm
Weight	60±1kg
Temperature range	-20~60℃
Low- temperature heating	Optional
Number of cycles	≥3000 times
Warranty	3 years
Mileage	180km

12.7kWh Three-wheeled Electric Vehicle Batteries **HYM00202D76.8166**

Three-wheeled Electric Vehicle Batteries

Longer Durability

Automotive-grade Power Batteries
3,000 cycles, 10-year lifespan

More Secure

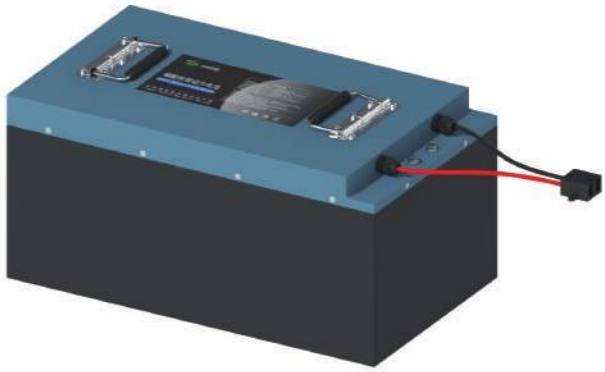
Grade A Lithium Iron Phosphate (LFP) cells、puncture resistant、collision-proof、crush-resistant and temperature-tolerant (-20°C to 60°C)

Smarter

One-touch alarm、remote control、real-time monitoring
Smart positioning、battery protection、intelligent connectivity

More Cost-effective

Simple installation、wide compatibility



Easy to install and widely adaptable

Three-wheeled electric vehicle

Four-wheeled electric vehicle

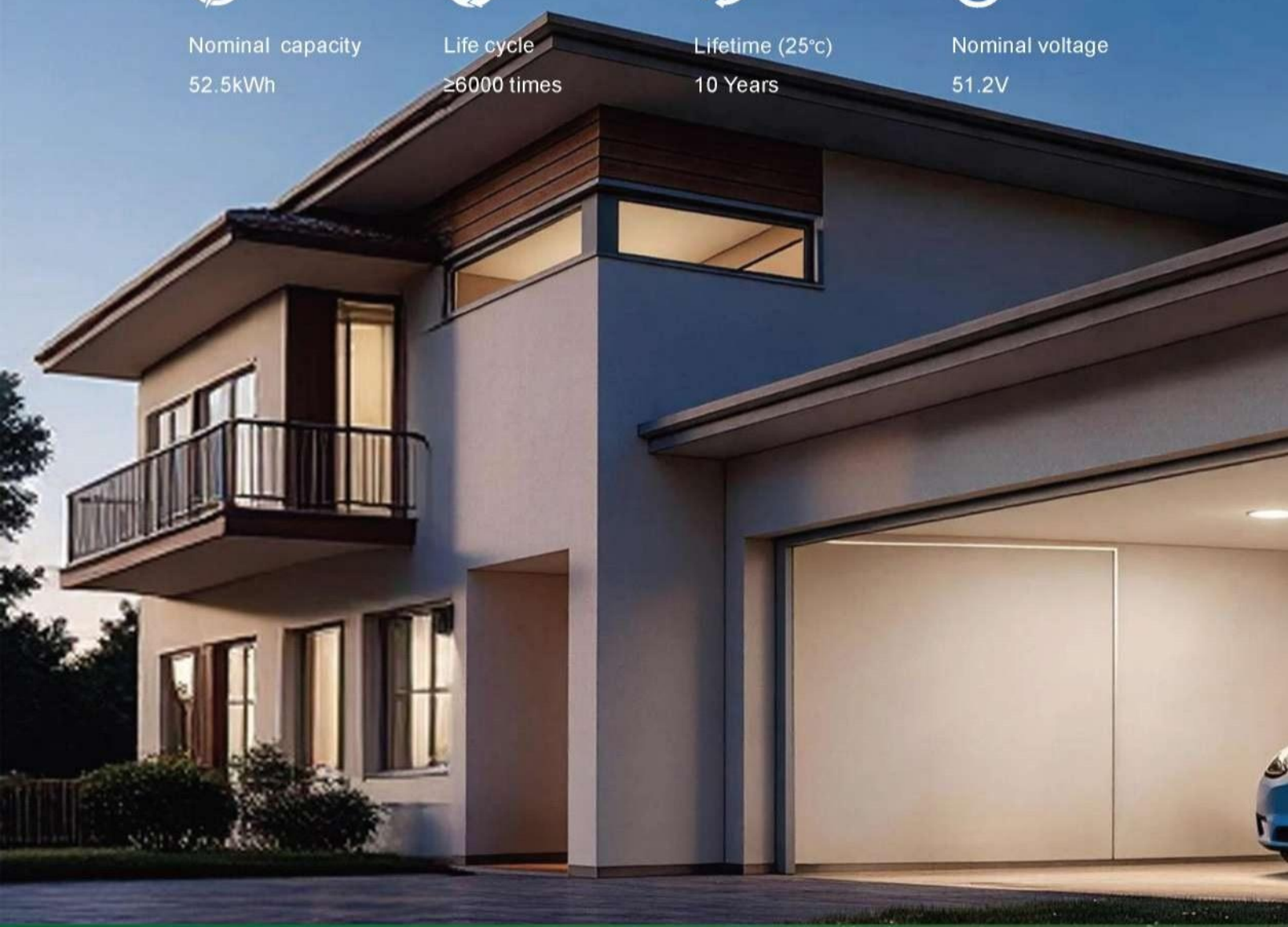
Specifications

Product Model	HYM00202D76.8166
Battery capacity	166Ah(12.8kWh)
Nominal voltage	76.8V （Compatible with 72V systems）
Power of motor	≤3kW
Continuous discharge current	120A
Maximum instantaneous discharge current	360A（30S）
Product size	584*339*294mm
Weight	92kg±1kg
Temperature range	-20~55℃
Low- temperature heating	Optional
Number of cycles	≥3000 times
Warranty	3 years
Mileage	240km

Residential Energy Storage Solutions

Supports various communication protocols,
support RS485, CAN, etc.

Nominal capacity	Life cycle	Lifetime (25°c)	Nominal voltage
52.5kWh	≥6000 times	10 Years	51.2V



LOW VOLTAGE STACKABLE BESS


Hystorix

52.5kWh Low Voltage Stackable BESS — HYSES205-L Series

- Safer Design: Individual circuit breaker in every battery pack.
- LED indicators show real-time device status.
- Flexible & Easy Installation.
- IP65 enclosure rating, suitable for outdoor use.
- Intelligent BMS
- 10-Year Lifespan: High-cycle LFP batteries with superior design



Specifications

Product Model	HYSES205-L5	HYSES205-L4	HYSES205-L3	HYSES205-L2	HYSES205-L1
Nominal capacity	52.5kWh	42kWh	31.5kWh	21kWh	10.5kWh
Battery cell specifications	3.2V / 205AH				
Cell configuration	5P16S	4P16S	3P16S	2P16S	1P16S
Battery cell type	LFP				
Battery voltage range	44.8V~58.4V				
Nominal voltage	51.2V				
Battery cabinet size (L*W*H)	650*425*1270mm	650*425*1045mm	650*425*820mm	650*425*595mm	650*425*370mm
Battery cabinet weight	458kg	368kg	280kg	190kg	102kg
Rated current	200A（Customizable 300A）			102.5A	
Charge-discharge mode	0.5P/0.5P				
Communication Method	CAN/RS485				
APP functions	Bluetooth/WIFI				
Protection	BMS/Circuit breaker				
Battery Pack Round Trip Efficiency	>95%				
Battery low temperature heating function	Optional Turns on when the temperature is below 0℃)				
Aerosol Fire Suppression	Optional				
Lifetime (25℃)	10 Years				
Life cycle	≥6000 times				
DOD	85%				
Certificate:	IEC61000-6-1/2/3/4/IEC62619/IEC62040-1/UN38.3				
Operating temperature range	-20℃ ~ 55℃				
Altitude	＜2000m (2000m~4000m derated operation)				
Color	RAL9001				

High Voltage Stackable BESS HYS003D204.8100

- Support a variety of communication protocols, support RS485, CAN, etc.
- LED lights display the parameters of the equipment in real time
- Modular structure for easy installation
- Excellent security performance
- Intelligent battery management system
- Long cycle life



Specifications

Product Model	HYS003D204.8100		
Nominal capacity	20.48kWh	15.36kWh	10.24kWh
Battery cell specifications	3.2V/100AH		
Cell configuration	1P64S	1P48S	1P32S
Battery cell type	LFP		
Battery Voltage Range	179.2V~233.6V	134.4V~175.2V	89.6V~116.8V
Nominal voltage	204.8V	153.6V	102.4V
Battery cabinet size (L*W*H)	800*220*1600mm		
Battery cabinet weight	250kg	175kg	125kg
Level of protection	IP40		
Rated current	50A		
Charge-discharge mode	0.5P/0.5P		
Communication method	CAN/RS485		
APP functions	Bluetooth		
Protection	BMS/Circuit breaker		
DOD	85%		
Number of cycles	≥6000 times		
Design reference criteria	GB/T 36276-2018, UN38.3, IEC62619, IEC61000		
Operating temperature range	-20°C ~ 60°C		
Altitude	<2000m (2000m~4000m derated operation)		
Color	RAL9001		

Industry&Commercial Air Cooling BESS

HYDC00101D614.4100



Cost-saving investment

Efficient and flexible

Secure and reliable

Smart and User-Friendly

Specifications

Product Model	HYDC00101D614.4100
Nominal capacity	61kWh
Battery cell specifications	3.2V/100Ah
Cell configuration	1P24S*8
Battery cell type	LFP
Battery voltage range	537.6V~691.2V
Nominal voltage	614.4V
Battery cabinet dimensions (L*W*H)	1183*1865*1063mm
Battery cabinet weight	1000kg
Rated current	50A
Charge-discharge mode	0.5P/0.5P
Inverter Configuration	Output rating : 30kW
	Maximum charge/discharge power : 33kW
	Maximum apparent power : 33kVA
Battery cycle efficiency	≥93%@AC
Communication mode	Ethernet/RS485/CAN
Output voltage	400V/230V@AC
Design reference criteria	GB/T36276-2023
Operating temperature range	-20℃~60℃
Operating humidity range	≤95%（Non-condensing）
Altitude	＜2000m(2000~4000m derated operation)
Color	RAL9003
Vibration	Zone 4
Noise	≤75dB@1m
Firefighting	Cabinet level aerosol + temperature sensor + smoke detector + water detection system/sound and light alarm system
Local Emergency Stop	Available/Yes

Industry&Commercial Air Cooling BESS

HYDC00201P499.2205



102kWh

- Cost-saving investment
- Efficient and flexible
- Secure and reliable
- Smart and User-Friendly

Specifications

Product Model	HYDC00201P499.2205
Nominal capacity	102kWh
Battery cell specifications	3.2V/205Ah
Cell configuration	1P26S*6
Battery cell type	LFP
Battery voltage range	436.8V~569.4V
Nominal voltage	499.2V
Battery cabinet dimensions (L*W*H)	742*2111*1195mm
Battery cabinet weight	1250kg
Rated current	100A
Charge-discharge mode	0.5P/0.5P
Inverter Configuration	Output rating： 50kW
	Maximum charge/discharge power： 50kW
	Maximum apparent power： 55.5kVA
Battery cycle efficiency	≥93%@AC
Communication mode	Ethernet/RS485/CAN
Output voltage	380V@AC
Design reference criteria	GB/T36276-2023
Operating temperature range	-20℃~60℃
Operating humidity range	≤95%（Non-condensing）
Altitude	＜2000m(2000~4000m derated operation)
Color	RAL9003
Vibration	Zone 4
Noise	≤75dB@1m
Firefighting	Cabinet level aerosol + temperature sensor + smoke detector + water detection system/sound and light alarm system
Local Emergency Stop	Available/Yes

Industrial and commercial liquid-cooled energy storage systems

maximum power.minimum downtime

- school
- farm/villages
- factory
- commercial buildings
- solar panels
- utility grid



- Cost-saving investment
- Efficient and flexible
- Secure and reliable
- Smart and User-Friendly

Specifications

Product Model	HYIC001D832314
Nominal capacity	261kWh
Battery cell specifications	3.2V/314Ah
Cell configuration	1P52S*5
Number of Cells in Series/Parallel per Cluster	1P260S(5 Pack)
Battery cell type	LFP
Battery voltage range	728V~949V
Nominal voltage	832V
Battery cabinet size(W*H*D)	1400*1000*2165.5mm
Battery cabinet weight	3000kg
Protection grade	IP65
Rated current	157A
Charge-discharge mode	0.5P/0.5P
Matching inverter	125kW
Backup power supply	≥93%@AC
Communication method	Ethernet/RS485/CAN
Communication protocol	Modbus TCP / Modbus RTU / CAN 2.0
Output voltage	380V@AC
Design reference criteria	GB/T 36276-2023
Auxiliary backup power supply	Online(Backup power supply 0.5h)
Operating temperature range	-20°C ~50°C
Operating humidity range	≤95%(Non-condensing)
Altitude	<2000m(2000m~4000m derated operation)
Air conditioning	5kW
Air conditioning management	Cooling+Heating
Color	RAL 9003
Vibration	Zone 4
Noise	≤75 dB@1m
Fire protection	Perfluorohexanone + Pack-level integrated automatic fire extinguishing system + manual fire extinguishing system for fire water injection ports Combustible gas, temperature and smoke detection system
Emergency stop on the spot	Possessing

New Release
Upgraded 261kWh I&C Bess

maximum power.minimum downtime

- school
- farm/villages
- factory
- commercial buildings
- solar panels
- utility grid



- Cost-saving investment
- Efficient and flexible
- Secure and reliable
- Smart and User-Friendly

Specifications

Product Model	HYDC00301D768314	HYDC00401D832314
Nominal capacity	241kWh	261kWh
Battery cell specifications	3.2V/314Ah	3.2V/314Ah
Cell configuration	1P40S	1P52S
Number of Cells in Series/Parallel per Cluster	1P240S (6 Pack)	1P260S (5 Pack)
Battery cell type	LFP	LFP
Battery voltage range	672V~876V	728V~949V
Nominal voltage	768V	832V
Battery cabinet size(W*H*D)	1400*1000*2165mm	1400*1000*2165mm
Battery cabinet weight	2000kg	2380kg
Rated current	157A	
Charge-discharge mode	0.5P/0.5P	
Communication method	Ethernet/RS485/CAN	
Design reference criteria	GB/T 36276-2023	
Operating temperature range	-20°C ~50°C	
Operating humidity range	≤95%（Non-condensing）	
Altitude	＜2000m (2000m~4000m derated operation）	
Liquid cooling unit	5kW	
Thermal management	Liquid cooling + heating	
Color	RAL 9003	
Vibration	Zone 4	
Noise	≤75 dB @1m	
Firefighting	Perfluorohexanone +Pack grade integrated automatic fire extinguishing system + manual fire extinguishing system for fire water injection	
	Gas, temperature, smoke detection, water detection/sound and light alarm system detection system	
Emergency Stop	Available/Yes	

Marketing Center
Jiangxi Huayang New Energy Co., LTD

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