



Zhejiang Ujonwe Energy Storage Technology Co., Ltd.

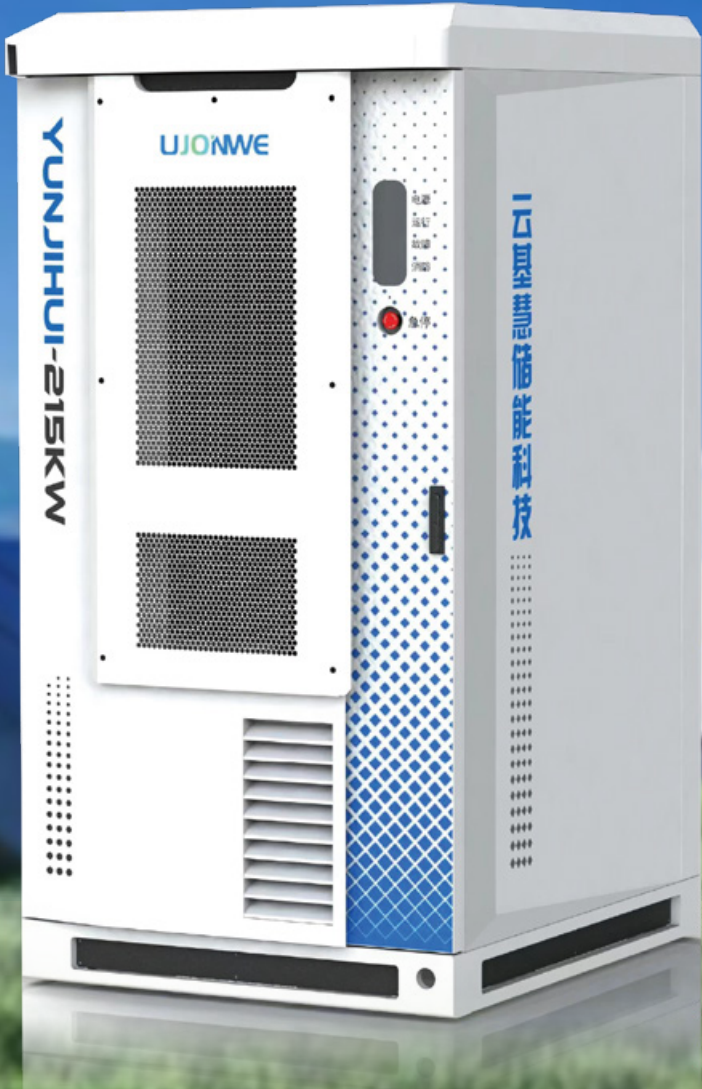
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most satisfactory smart cloud energy manager.



Zhejiang Ujonwe Energy Storage Technology Co., Ltd.

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Company

UJONWE

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Products

C&I-ESS

C&I-ESS

YJH-E64WX(Air-cooled)	P15-P16	430/448/466/482/502/522kWh	P29-P30
YJH-E100WX(Air-cooled)	P17-P18	1000/2000/2500/5000kWh	P31-P32
YJH-E107WS(Air-cooled)	P19-P20		
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About Us



Zhejiang Ujonwe Energy Storage Technology Co., Ltd. was established in 2023. It is a high-tech enterprise specializing in the research, development, production and sales of new lithium batteries and energy storage systems.

Our company is a subsidiary of Zhejiang Tianhong Lithium Battery Co., Ltd. (Stock Code: 873152). Zhejiang Tianhong Lithium-ion Battery Co., Ltd is located in Zhejiang Province and was founded in 2015.

It is a national high-tech enterprise and an international group company, specializing in the research, development, production and sales of power and energy storage lithium batteries.

In 2022, it was selected as a national “specialized, refined, unique and innovative” little giant enterprise. The company has passed the certifications of the ISO9001 Quality Management System, the ISO14001 Environmental Management System and the ISO45001 Occupational Health and Safety Management System.

Core Business

Industrial & Commercial ESS | Home ESS

We are dedicated to the research, development, production, sales, operation and maintenance services of intelligent energy storage systems.

We aim to provide one-stop solutions for safe, efficient and reliable energy management, helping customers reduce electricity costs and improve energy utilization efficiency, and jointly promoting the global energy transition and sustainable development.

The industrial and commercial energy storage products provided by Ujonwe adopt an integrated design, featuring the integration of AC and DC systems, modular configuration, and being aesthetically pleasing and efficient.

Ujonwe's industrial and commercial energy storage products feature an integrated AC-DC system design, modular configuration, and are aesthetically pleasing and efficient. We support peak-valley arbitrage, demand-side response, etc., and can be used in factories, malls, data centers, etc. Ujonwe also offers customized energy solutions for different customers' needs. By the end of 2024, over 100 projects were successfully operated, with a total capacity exceeding 130 MWh.

2015
SET UP

30+
ENGINEERS

10+
RIGHTS

500+
COOPERATORS

History

SINCE 2015

2015

Enterprise set up

2016

Establish a German office

2017

Passed the certifications of ISO9001, CE and UL.

2018

Listed on the New OTC Market

2019

Production hits 300,000 units, sales top 260 million yuan,named national high-tech enterprise.

2020

Production:Over 500,000 units.
Sales: Over 320 millionyuan.

2021

Sales: Over 370 million yuan.
Automated productionlines fully deployed.

2023

selected as a national"specialized, refined, unique and innovative" little giant enterprise.

2024

Listed on the Beijing stock Exchange

2024

Establish UJONWE to expand the global energy storage business.

40+ Certifications Patents

- National-level high-tech enterprise, four-star green factory, and winner of the National Specialized, Sophisticated, Special and New "Little Giant" Award.
- Industry status: Member of the China Bicycle Association, a Chinese high-quality supplier certified by TÜV Rheinland (TUV).
- International market access certifications: ISO45001, ISO14001, EN62133:2017, UL, CE, ROHS, PSE, KC, UN38.3



500+ Cooperators

EVE 亿纬锂能

金轮集团
GOLDEN WHEEL GROUP

GOGOBIKE®

SEALUP

LEAOOY 统帅

LISHEN

TESSONNE

NIU 小牛电动

Panasonic
松下电器

SPECIALIZED

ACCELL
GROUP

FORME



Cooperation Cases

Rich experience

By the end of 2024, we had successfully operated more than 100 projects, with a total capacity exceeding 130 MWh.

2015-2024

100+ PROJECTS

130+ MWh



Cases Display

By the end of 2024, we had successfully operated more than 100 projects, with a total capacity exceeding 130 MWh.



Why Choose US

We integrate R & D, design, manufacturing and installation.

1 Perfect After-sales Service

Put customers first, provide attentive service, ensure rapid support, and abide by commitments. In case of quality problems, we offer a 7-day unconditional replacement service.

3 Excellent product quality

Standardized and fully optimized quality control, craftsmanship manufacturing processes, and processing equipment ensure product quality. We integrate industry resources, rationally configure facilities and equipment, and the products have excellent performance.

5 Rich market experience

Having deeply engaged in the energy storage market for many years, we have participated in numerous projects, are familiar with markets and policies in various regions, and can provide customers with precise solutions.

2 Professional technical support

According to the needs of customers, we select more efficient processing techniques. With diversified customization requirements, we have provided professional customization services for thousands of enterprises!

4 Strong research and development capabilities

The R&D team is composed of senior experts and technical elites, who invest a large amount of resources in technological innovation to meet the ever-changing needs of the market.

6 A reasonable price system

Optimize the supply chain, cooperate with high-quality suppliers to reduce costs, and leverage the advantages of large-scale production to provide customers with cost-effective products.

Global Layout

Global Reach, Boundless Opportunities

German office

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Address: Edisonstraße 7, 63477 Maintal

China office

Contact: Alex
Tel: +86 15557209111
Email: info@ujonwe.com
Address: No. 5 Shengyi Road, Yuhang Subdistrict, Yuhang District, Hangzhou City, Zhejiang Province

Slovakian office

Contact: Andrej Hrdlicka
Tel: +421-910 288 971
Address: DEMA Senica, a.s. Dlhá 248/43, 90501 Senice, Slovakia

U.S. office

Tel: 001-9494194973
Address: 2650 Walnut Ave Unit E, Tustin, California 92780

Japan office

Contact : Suzuki Takashi
Tel: 0247-57-6921
Address: 174 Takada, Ishikawa-cho, Ishikawa District, Fukushima Prefecture

· Fluctuating electricity prices globally enable industrial and commercial entities to reduce costs through peak - valley arbitrage, enhancing competitiveness.

· The need for demand - side response drives energy storage development, as it helps industrial and commercial consumers support the grid during peak demand, crucial for grid stability in both developing and developed regions.

· Global renewable energy integration makes energy storage essential, addressing the intermittency of solar and wind power in industrial and commercial settings, promoting clean energy use and sustainability.

All-in-one Air-cooled Hybrid Solar ESS Cabinet

YJH-E64WX



- 

Peak Shaving
cash out
- 

Stable power
supply
- 

Green
energy
- 

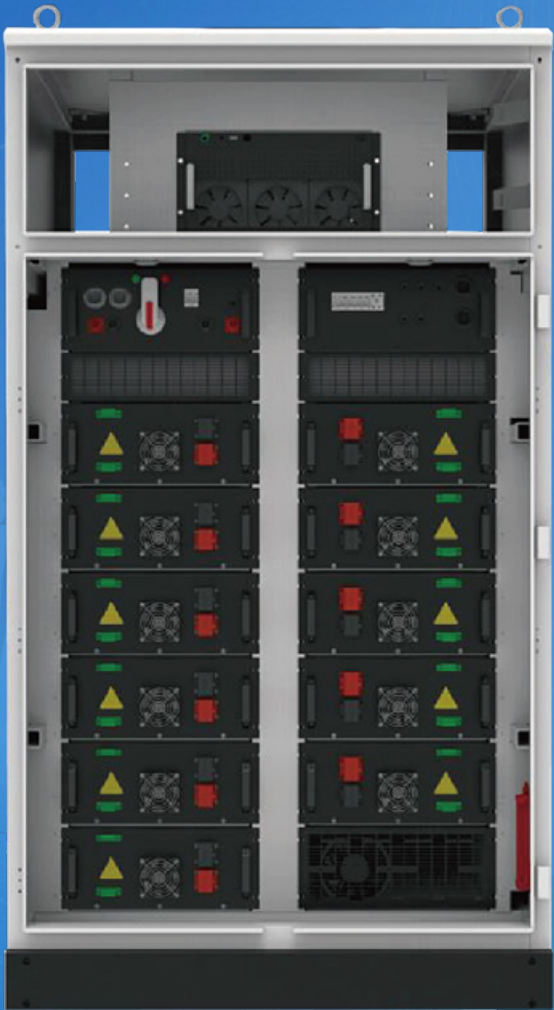
Flexible
installation

SPECIFICATIONS

Item	Specifications	Remarks
PRODUCT MODEL		YJH-E64WX
DC Side		
Cell type	LFP 120Ah	
Grouping method	1P168S	100%DOD, 25°C, 0.8P
Rated energy	64.512kWh	
Rated capacity	120Ah	
Rated voltage	537.6V	
Recommended voltage range	DC 470.4V~604.8V	Lower limit of individual voltage 2.8V Upper limit of individual voltage 3.6V
System		
Energy conversionefficiency	≥94%	Excluding communication
Charge discharge rate	0.8P	constant power
Depth Of Discharge	95%DOD	Rated operating conditions: 25+2°C, 0.5P and 95%DOD
Cycle life	≥ 5500 times(25+2°C)	
Protection level	IP55	
Cooling method	Forced air cooling	
Operation temperature	-25~55°C	
Relative humidity	0~95%RH	
Working Altitude	≤ 2000m	Derated above 2.000m,maximum application altitude ≤ 4000m
Dimensions (W*D*H)	800*1200*2030mm	
Total weight	Appr. 1.3T	
Fire protection system	Smoke/temperature detection+fully submerged gas fire extinguishing (aerosol)	
Communication	Ethernet/RS485	
Standards complied with	GB/T 36276、GB/T34120、GB/T 34131、UN38.3、IEC62619、UL9540A、CE-EMC	

All-in-one Air-cooled ESS Cabinet (1P)

YJH-E100WX



Peak Shaving
cash out

Stable power
supply

Green
energy

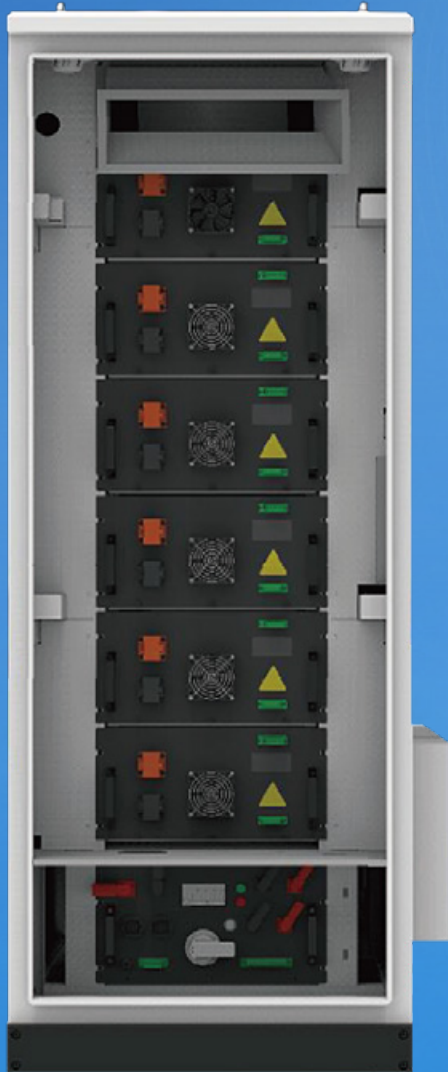
Flexible
installation

SPECIFICATIONS

Item	Specifications	Remarks
PRODUCT MODEL		
YJH-E100WX		
DC Side		
Cell type	LFP 120Ah	
Grouping method	1P264S	
Rated energy	101kWh	100%DOD, 25°C, 1P
Rated capacity	120Ah	
Rated voltage	844.8V	
Recommended voltage range	DC 739.2-950.4V	Cell volt lower limit 2.8V Cell volt upper limit 3.6V
AC Side		
Rated output power	100kW	
Max AC power	110kW(continuous, 1 minute)	
Grid Voltage	400Vac/3P+N+PE	
Grid Frequency	50Hz/60Hz	
THDi	<3%	
DC component	<0.5%Ipn	
Power factor range	-1 lagging to 1 leading	
System		
Energy conversionefficiency	≥89%	Excluding auxiliary power consumption
Charge discharge rate	1P	Constant power
Depth Of Discharge	95%DOD	
Cycle life	≥5000 times(25+2°C)	Rated operating conditions: 25+2°C, 1P and 95%DOD
Protection level	IP55	
Cooling method	Forced air cooling	
Operation temperature	-25 to 55°C	
Relative humidity	0-95%RH, without condensation	
Working Altitude	≤2000m	Derated use for altitude above 2000m
Dimensions (W*D*H)	1250*1200*2250mm	
Total weight	Approximately 1850kg	
Fire protection system	Smoke/temperature detection+fully submerged gas fire extinguishing (aerosol)	
Communication	Ethernet/RS485	
Standards complied with	UN38.3,IEC62619,UL1973,UL9540,and CE-EMC	

All-in-one Air-cooled Hybrid Solar ESS Cabinet

YJH-E107WS



- 

Peak Shaving
cash out
- 

Stable power
supply
- 

Green
energy
- 

Flexible
installation

SPECIFICATIONS

Item	Specifications	Remarks
PRODUCT MODEL		
YJH-E107WS		
DC Side		
Cell type	LFP 280Ah	
Grouping method	1P120S	
Rated energy	107.52kWh	100%DOD, 25°C, 0.5P
Rated capacity	280Ah	
Rated voltage	384V	
Recommended voltage range	DC 336V~432V	Cell volt lower limit 2.8V Cell volt upper limit 3.6V
System		
Energy conversionefficiency	≥94%	Excluding communication
Charge discharge rate	0.5P	Constant power
Depth Of Discharge	95%DOD	
Cycle life	≥6000 times(25+2°C)	Rated operating conditions: 25+2°C, 0.5P and 95%DOD
Protection level	IP55	
Cooling method	Forced air cooling	
Operation temperature	-25 to 55°C°C	
Relative humidity	0-95%RH	
Working Altitude	≤2000m	Derated above 2000m, max application altitude ≤ 4000m
Dimensions (W*D*H)	800*1200*2100mm	
Total weight	Appr. 1456kg	
Fire protection system	Smoke/temperaturedetection+fully submerged gas fire extinguishing(aerosol)	
Communication	Ethernet/RS485	
Standards complied with	GB/T 36276,GB/T 34120,GB/T 34131,UN38.3,IEC62619,UL9540A, CE-EMC	

UJOINWE®

All-in-one Air-cooled
ESS Cabinet

YJH-E215WS



Peak Shaving
cash out

Stable power
supply

Green
energy

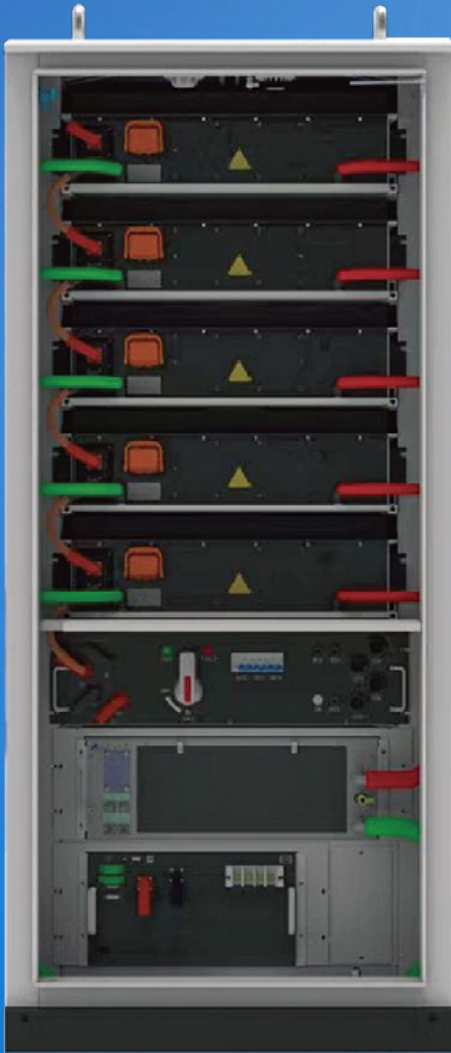
Flexible
installation

SPECIFICATIONS

Item	Specifications	Remarks
PRODUCT MODEL	YJH-E215WS	
DC Side		
Cell type	LFP 280Ah	
Grouping method	1P240S	
Rated energy	215.04kWh	100%DOD, 25°C, 0.5P
Rated capacity	280Ah	
Rated voltage	768V	
Recommended voltage range	DC 672-864V	Cell volt lower limit 2.8V Cell volt upper limit 3.6V
AC Side		
Rated output power	100kW	
Max AC power	110kW(continuous 1minute)	
Grid Voltage	400Vac/3P+N+PE	
Grid Frequency	50Hz/60Hz	
THDi	<3%	
DC component	<0.5%Ipn	
Power factor range	-0.98~0.98	
System		
Energy conversionefficiency	≥89%	Excluding auxiliary power consumption
Charge discharge rate	0.5P	Constant power
Depth Of Discharge	95%DOD	
Cycle life	≥8000 times(25+2°C)	Rated operating conditions: 25+2°C, 0.5P and 95%DOD
Protection level	IP55	
Cooling method	Forced air cooling	
Operation temperature	-25 to 55°C°C	
Relative humidity	0-95%RH, without condensation	
Working Altitude	≤2000m	Derated use for altitude above 2000m
Dimensions (W*D*H)	1250*1300*2400mm	
Total weight	Approximately 2,500kg	
Fire protection system	Smoke/temperature detection+ fully-submerged aerosol fire extinguishing	
Communication	Ethernet/RS485	
Standards complied with	GB/T 36276,GB/T 34120,GB/T 34131,UN38.3,IEC62619,UL1973,UL9540,and CE-EMC	

All-in-one Liquid-cooled ESS Cabinet

YJH-E233LS



Peak Shaving
cash out



Stable power
supply



Green
energy



Flexible
installation

SPECIFICATIONS

Item	Specifications	Remarks
PRODUCT MODEL		
YJH-E233LS		
DC Side		
Cell type	LFP 280Ah	
Grouping method	1P260S	
Rated energy	232.96kWh	100%DOD,(25+2)°C,0.5P
Rated capacity	280Ah	
Rated voltage	832V	
Recommended voltage range	DC 728~936V	Cell volt lower limit 2.8V Cell volt upper limit 3.6V
AC Side		
Rated output power	100kW	
Max AC power	110kW(continuous 1minute)	
Grid Voltage	400Vac/3P+N+PE	
Grid Frequency	50Hz/60Hz	
THDi	≤3%	
DC component	<0.5%Ipn	
Power factor range	-0.98~0.98	
System		
Energy conversion efficiency	≥89%	Excluding auxiliary power consumption
Charge discharge rate	0.5P	
Depth Of Discharge	95%DOD	
Cycle life	≥8000 times(25+2°C)	Rated operating conditions: 25+2°C, 0.5P and 95%DOD
Protection level	IP55	
Cooling method	Active liquid cooling	
Operation temperature	-25 to 55°C	
Relative humidity	0~95%RH	
Working Altitude	≤2000m	Derated above 2000m, max application altitude ≤ 4000m
Dimensions (W*D*H)	1050*1350*2400mm	
Total weight	Approximately 2,570kg	
Fire protection system	PACK-level aerosol + Cube-level aerosol fire extinguishing	
Communication	Ethernet/RS485	
Standards complied with	GB/T 36276,GB/T 34120,GB/T 34131,UN38.3,IEC62619,UL1973,UL9540,and CE-EMC	

Distributed Energy Storage Cabinet

215kWh / 241kWh



-  Peak Shaving cash out
-  Stable power supply
-  Green energy
-  Flexible installation

SPECIFICATIONS

Item	Specifications	
Cell Type	3.2V/280Ah(LFP)	3.2V/314Ah(LFP)
Battery System Capacity	215KWh	241KWh
Battery System Configuration	1P24S	1P24S
Cooling Method	Air Cooling	Air Cooling
Rated System Voltage (V)	768V	768V
Operating Voltage Range (V)	720~910	720~910
AC Side(Grid-tied)		
Rated Power (KW)	100	125
AC Rated Voltage (V)	400	400
AC Frequency (Hz)	50/60	50/60
Frequency Deviation(Hz)	±5	±5
Total Harmonic Distortion Current	≤3%	≤3%
Wiring	3P4L+PE	3P4L+PE
AC Side(off-grid)		
Rated Power (KW)	100	125
Rated Voltage (V)	400	400
AC Off-grid Frequency (Hz)	50/60	50/60
Off-grid Output	≤2% linear	≤2% linear
Overload Capability	110%<10min, 120%<1min	
System Parameters		
Dimensions		
Weight		
Working Temperature Range	-20°C-55°C	
Working Humidity Range	5-95%	
Protection Level	IP55	
Corrosion Resistance Grade	C4	
Noise	≤75dB	
Altitude	≤3000m	
Fire Protection	Cabin Class(Water Fire fighting/Gel) / PACK Class	
Communication Mode	Ethernet/RS485/CAN/Type-C	

Distributed
Energy Storage Cabinet

224/233/251/261kWh



Peak Shaving
cash out

Stable power
supply

Green
energy

Flexible
installation

SPECIFICATIONS

Item	Specifications			
Cell Type	3.2V/280Ah(LFP)		3.2V/314Ah(LFP)	
Battery System Capacity	224KWh	233KWh	251KWh	261KWh
Battery System Configuration	1P50S	1P52S	1P50S	1P52S
Cooling Method	Liquid Cooling			
Rated System Voltage (V)	800V	832V	800V	832V
Operating Voltage Range (V)	720~910			
AC Side(Grid-tied)				
Rated Power (KW)	100		125	
AC Rated Voltage (V)	400		400	
AC Frequency (Hz)	50/60		50/60	
Frequency Deviation(Hz)	±5		±5	
Total Harmonic Distortion Current	≤3%		≤3%	
Wiring	3P4L+PE		3P4L+PE	
AC Side(off-grid)				
Rated Power (KW)	100		125	
Rated Voltage (V)	400		400	
AC Off-grid Frequency (Hz)	50/60		50/60	
Off-grid Output	≤2% linear		≤2% linear	
Overload Capability	110%<10min, 120%<1min			
System Parameters				
Dimensions				
Weight				
Working Temperature Range	-20°C-55°C			
Working Humidity Range	5-95%			
Protection Level	IP55			
Corrosion Resistance Grade	C4			
Noise	≤75dB			
Altitude	≤3000m			
Fire Protection	Cabin Class(Water Fire fighting/Gel) / PACK Class			
Communication Mode	Ethernet/RS485/CAN/Type-C			

Container Energy Storage Cabinet

430/448/466/482/502/522kWh



-  Peak Shaving
cash out
-  Stable power
supply
-  Green
energy
-  Flexible
installation

SPECIFICATIONS

Item	Specifications							
Cell Type	3.2V/280Ah(LFP)				3.2V/314Ah(LFP)			
Battery System Capacity	430KWh	430KWh	448KWh	466KWh	482KWh	482KWh	502KWh	522KWh
Battery System Configuration	4P24S	4P48S	4P50S	4P52S	4P24S	4P48S	4P50S	4P52S
Cooling Method	Air cooling	Liquid	Liquid	Liquid	Air cooling	Liquid	Liquid	Liquid
Rated System Voltage (V)	768V	768V	800V	832V	768V	768V	800V	832V
Operating Voltage Range (V)	720~910							
AC Side(Grid-tied)								
Rated Power (KW)	100	200	200	200	125	250	250	250
AC Rated Voltage (V)	400				400			
AC Frequency (Hz)	50/60				50/60			
Frequency Deviation(Hz)	±5				±5			
Total Harmonic Distortion Current	≤3%				≤3%			
Wiring	3P4L+PE				3P4L+PE			
AC Side(off-grid)								
Rated Power (KW)	100	200	200	200	125	250	250	250
Rated Voltage (V)	400				400			
AC Off-grid Frequency (Hz)	50/60				50/60			
Off-grid Output	≤2% linear				≤2% linear			
Overload Capability	110%<10min, 120%<1min							
System Parameters								
Dimensions								
Weight								
Working Temperature Range	-20°C-55°C							
Working Humidity Range	5-95%							
Protection Level	IP55							
Corrosion Resistance Grade	C4							
Noise	≤75dB							
Altitude	≤3000m							
Fire Protection	CabinClass(Water Fire fighting/Gel)/PACK Class							
Communication Mode	Ethernet/RS485/CAN/Type-C							

UJOINWE®

Container Energy Storage Cabinet

1000/2000/2500/5000kWh



 Peak Shaving
cash out

 Stable power
supply

 Green
energy

 Flexible
installation

SPECIFICATIONS

Item	Specifications
Battery Cell Type	3.2V/314Ah(LFP)
Battery PACK Configuration	1P50S/50.240KWh
Battery System Configuratio	8P250S
SystemConfiguration(kwh)	2009.6KWh
Nominal System Voltage (V)	800V
Operating Voltage Range (V)	720~910
System Parameters	
Battery Container Specifications	20HC (Standard Container)
Weight of Single Battery cluster	≈2T
Operating Temperature Range	Charging Operating Temperature: 0~55°C Discharging Operating Temperature:-20~55°C
Operating Humidity Range	0~95%(Non-condensing)
Protection Rating	IP54
Cooling Method	Liquid Cooling
Altitude	5000m(>3000m reduced capacity)
Fire Suppression System	Perfluorohexane
Communication Method	RS485/Ethernet/CAN

Item	Specifications
Battery Cell Type	3.2V/314Ah(LFP)
Battery PACK Configuration	1P52S/52.2496KWh
Battery System Configuratio	12P416S
SystemConfiguration(kwh)	5016KWh
Nominal System Voltage (V)	1331V
Operating Voltage Range (V)	1164~1497
System Parameters	
Battery Container Specifications	20HC (Standard Container)
Weight of Single Battery cluster	≈3.5T
Operating Temperature Range	Charging Operating Temperature: 0~55°C Discharging Operating Temperature:-20~55°C
Operating Humidity Range	0~95%(Non-condensing)
Protection Rating	IP54
Cooling Method	Liquid Cooling
Altitude	5000m(>3000m reduced capacity)
Fire Suppression System	Perfluorohexane
Communication Method	RS485/Ethernet/CAN



UJOiNWE®

Committed to becoming your
most satisfactory smart cloud energy manager.