



**Uhome Smart Energy(Wuxi)Co.,Ltd.**

Tel: +86-510-88998080

Email: [marketing@uhomeenergy.com](mailto:marketing@uhomeenergy.com)

Address: Floor One to Three, Building 30, No.58 Liulv Road,  
Hudai Town, Binhu District, Wuxi City, Jiangsu Province, China

# Uhome Smart Energy

**Industrial & commercial energy storage series**



[www.uhomeenergy.com](http://www.uhomeenergy.com)

# Who we are

**10** Years  
10 Years  
Warranty

**100+**  
Technology  
Patents

**10%**  
Continuous  
R&D investment

**50+**  
Engineers

**70+**  
Countries  
Business  
Areas

**80000+**  
PCS  
Shipped  
Quantity



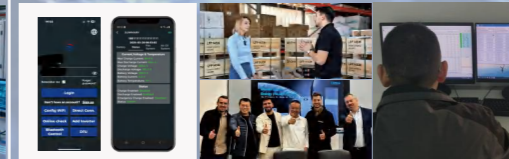
## Safe and Reliable Top-tier cells

- Pioneer in semi solid state ESS with higher safety
- Built-in electrical protections and fire safety system
- 10 year warranty



## One-stop ESS solution and Intelligent System

- Wide range of products for one-stop ESS solution
- Monitor and optimise your system 24/7 via cloud-based platform
- On time remote maintenance and technical support



## Proven Track Records and Local Service

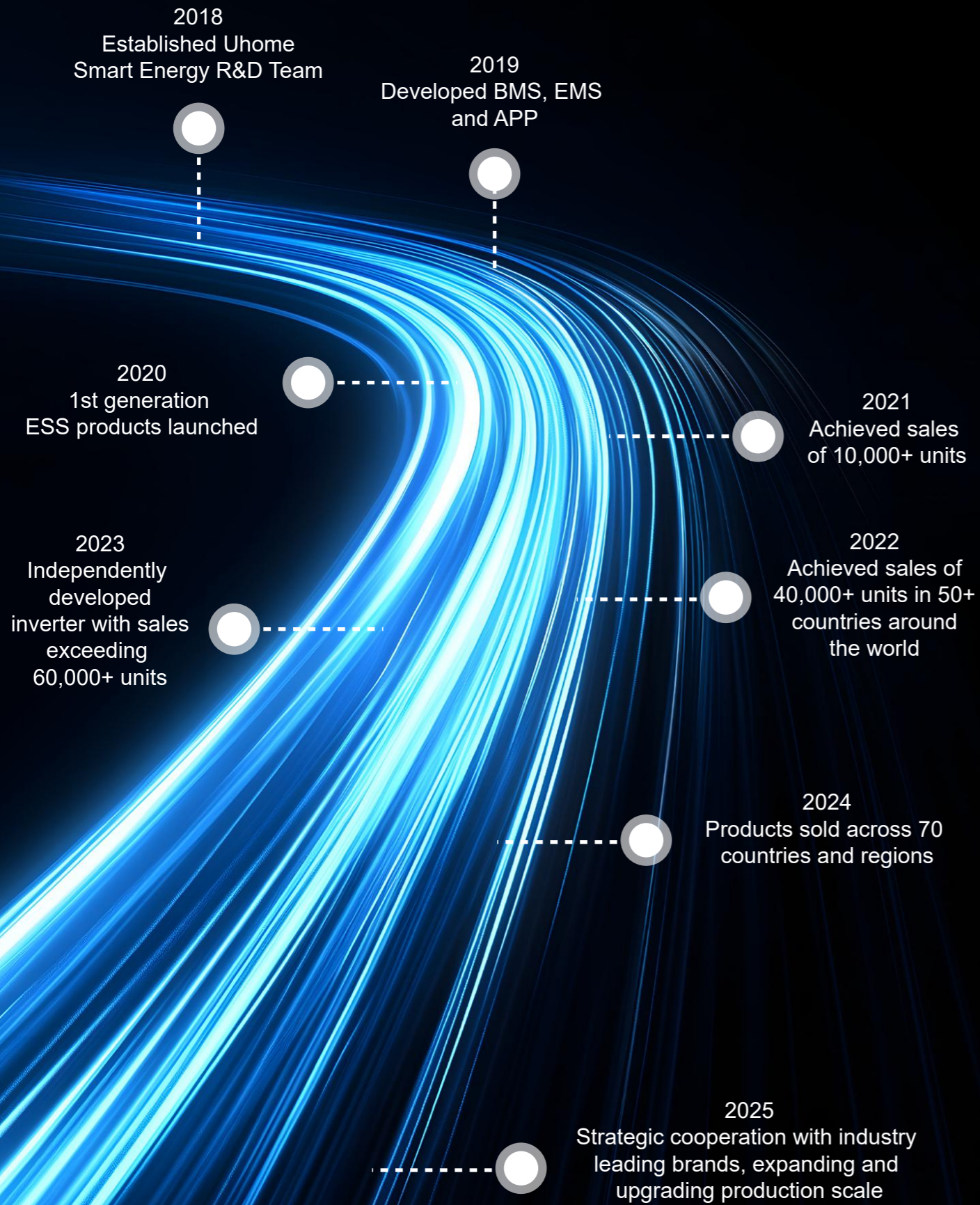
- Vast installations in Europe, Africa, Southeast Asia, and other regions
- Local service offered through affiliates



## ABOUT US

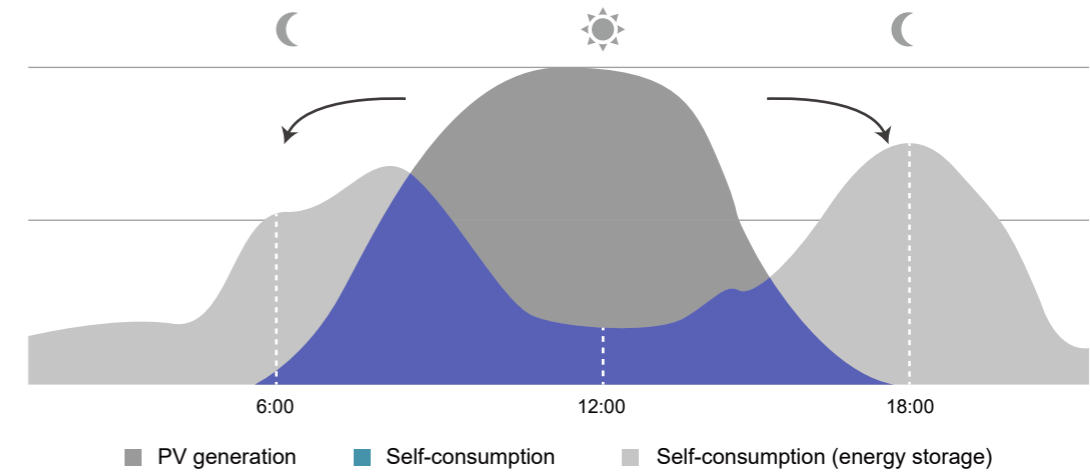
Uhome is a leading energy storage solutions provider. The Company has established a comprehensive product portfolio for a wide range of applications including residential and small commercial & industrial (C&I) by leveraging its proprietary technology and robust R&D capabilities. Uhome has extensive expertise in battery management system (BMS), energy management system(EMS), system integration and remote monitoring.

With its headquarter in Wuxi China, Uhome has provided safe, reliable, and high-quality products and services to users over 70 countries and regions. Its products have obtained UL, IEC, CEC and other international certifications. At Uhome, customer satisfaction is always our top priority. Uhome is committed to build a low-carbon environment, promote efficient use of renewable energy and make a better future.



## Residential Energy Storage Solution

Residential ESS stores energy generated by solar or from the grid. You can use this energy to power your home day and night, during outages or when you want to go off-grid, and to optimize your energy use for electricity bill saving and more.



## Strengths



### More Usable Energy

Cell and Pack level balancing  
Up to 93% DOD



### Scalability and Flexibility

Module design,  
Flexible expansion, up to 128pcs



### Safe & Reliable

Pioneer in solid-state battery ESS  
Top-tier cells



### Easy and flexible installation

Rack-mounted, wall-mounted,  
stackable, ground



### Intelligent Monitoring

Monitor, control and optimize  
anytime anywhere



### Wide Compatibility

Compatible with wide  
range of inverters

# Uhome-CIS 60kWh

## Industrial & Commercial Storage Cabinet



### Flexible Expansion

Maximum support for 8 machines in AC parallel, expandable to 0.48MWh;

### IP54

Resistant to outdoor installation with strong environmental adaptability;

### Smart BMS

Automatic balancing between packs.

## PRODUCT FEATURES



### Safe&Reliable

Equipped with multiple protection mechanisms such as fire protection, surge protection, circuit breakers, relays, etc;



### Economical

Pre-made machine delivered as a whole for easy transportation& installation& maintenance, saving up to 15% in costs.



### Minimalist

Front and rear double door design, compact structure, clear and simple layout, resulting in high space utilization.



### Intelligent

Platform supports remote monitoring& maintenance& intelligent balancing strategy for battery life cycle consistency& revenue improvement.



### Usability

Integrated distribution box, easier to use and convenient for later maintenance.

## Technical Specifications

Model	60kWh/51.2V/100Ah(LFP 5000SM/M)	60kWh/614.4V/100Ah
Product Image		
Battery Type	LiFePO <sub>4</sub> Prismatic	
Nominal Energy	5.12kWh	61.44kWh
Usable Energy*	4.7kWh	57.1kWh
Nominal Capacity	100Ah	
Nominal Voltage	51.2V	614.4V
Operating Voltage	48~56V	576~672V
Recommended Charge&Discharge Current	50A/50A	
Max Charge/Discharge Current	80A/80 A	
Peak Discharge Current	200A(3S)	
Peak Discharge Power	10kW(3S)	120kW(3S)
Recommended Depth of Discharge (DOD)	93%	
Charging Temp. Range	From 0~55 °C	
Discharging Temp. Range	From -10~55 °C	
Cycle Life	≥8000@25 °C	
Scalability	1 Parallel/12 Series	8 Parallel
WIFI Module	Uhome	
Communication	CAN	CAN/RS485
IP Rating	IP20	IP54
Recommended Humidity	5%~95%(No condensed water)	
Cooling Type	Forced air cooling	Air Condition cooling
Color	White(optinal)	
Installation	Rack Installation	Ground Installation
Net Weight	56±2kg	950±2 kg
Dimension(L*W*H)	442*133*618mm	1000*850*2045mm
Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Warranty	5/10 years(optional)*	
Certification	UN38.3/CE/IEC62619	

Testing conditions based on temperature 25°C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions by Uhome 0.2C CC-CV and based on recommended DOD(93%).

It is recommended to configure the inverter by yourself and choose Solis 50kW three phase inverter as an option.

# Uhome-CIS 120kWh

## Industrial & Commercial Storage Cabinet



### Flexible Expansion

Maximum support for 8 machines in AC parallel, expandable to 0.96MWh;

### IP54

Resistant to outdoor installation with strong environmental adaptability;

### Smart BMS

Automatic balancing between packs.

## PRODUCT FEATURES



### Safe&Reliable

Equipped with multiple protection mechanisms such as fire protection, surge protection, circuit breakers, relays, etc;



### Economical

Pre-made machine delivered as a whole for easy transportation& installation& maintenance, saving up to 15% in costs.



### Minimalist

Front and rear double door design, compact structure, clear and simple layout, resulting in high space utilization.



### Intelligent

Platform supports remote monitoring& maintenance& intelligent balancing strategy for battery life cycle consistency& revenue improvement.



### Usability

Integrated distribution box, easier to use and convenient for later maintenance.

## Technical Specifications

Model	120kWh/64V/314Ah	120kWh/384V/314Ah
Product Image		
Battery Type	LiFePO <sub>4</sub> Prismatic	
Nominal Energy	20.096kWh	120.576kWh
Usable Energy*	18.6kWh	112.1kWh
Nominal Capacity	314Ah	
Nominal Voltage	64V	384V
Operating Voltage	60~70V	360~420V
Recommended Charge&Discharge Current	100A/100A	
Max Charge/Discharge Current	150A/150 A	
Peak Discharge Current	200A(3S)	
Peak Discharge Power	12.8kW	75kW
Recommended Depth of Discharge (DOD)	93%	
Charging Temp. Range	From 0~55 °C	
Discharging Temp. Range	From -10~55 °C	
Cycle Life	≥8000@25 °C	
Scalability	6 Series	8 Parallel
WIFI Module	Uhome	
Communication	daisy-chain	CAN/ RS485
IP Rating	IP20	IP54
Recommended Humidity	5%~95%(No condensed water)	
Cooling Type	Forced air cooling	Air conditioning cooling
Color	White(Optional)	
Installation	Ground Mounting	
Net Weight	145±2kg	1400kg
Dimension(L*W*H)	893*387*243mm	1040*1335*1860mm
Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Warranty	5/10 years(optional)*	
Certification	UN 38.3/CE/IEC62619	

Testing conditions based on temperature 25°C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions by Uhome 0.2C CC-CV and based on recommended DOD(93%). It is recommended to configure the inverter by yourself and choose Solis 50kW three phase inverter as an option.

# Uhome-CIS 240kWh

## Industrial & Commercial Storage Cabinet



### Flexible Expansion

Maximum support for 8 machines in AC parallel, expandable to 1.92MWh;

### IP54

Resistant to outdoor installation with strong environmental adaptability;

### Smart BMS

Automatic balancing between packs.

## PRODUCT FEATURES



### Safe&Reliable

Equipped with multiple protection mechanisms such as fire protection, surge protection, circuit breakers, relays, etc;



### Economical

Pre-made machine delivered as a whole for easy transportation& installation& maintenance, saving up to 15% in costs.



### Minimalist

Front and rear double door design, compact structure, clear and simple layout, resulting in high space utilization.



### Intelligent

Platform supports remote monitoring& maintenance& intelligent balancing strategy for battery life cycle consistency& revenue improvement.

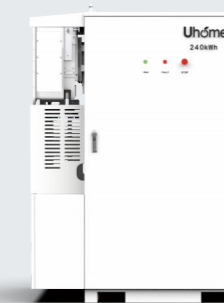


### Usability

Integrated distribution box, easier to use and convenient for later maintenance.

## Technical Specifications

Product Image



Model	240kWh/64V/314Ah	240kWh/768V/314Ah
Battery Type	LiFePO <sub>4</sub> Prismatic	
Nominal Energy	20.096kWh	241.152kWh
Usable Energy*	18.6kWh	224.2kWh
Nominal Capacity	314Ah	
Nominal Voltage	64V	768V
Operating Voltage	60~70V	720~840V
Recommended Charge&Discharge Current	100A/100A	
Max Charge/Discharge Current	150A/150 A	
Peak Discharge Current	200A(3S)	
Peak Discharge Power	12.8kW	150kW
Recommended Depth of Discharge (DOD)	93%	
Charging Temp. Range	From 0~55 C	
Discharging Temp. Range	From -10~55 C	
Cycle Life	≥8000@25 C	
Scalability	12 Series	8 Parallel
WIFI Module	Uhome	
Communication	daisy-chain	CAN/ RS485
IP Rating	IP20	IP54
Recommended Humidity	5%~95%(No condensed water)	
Cooling Type	Natural cooling	
Color	White(Optional)	
Installation	Forced air cooling	Air conditioning cooling
Net Weight	145±2kg	2340kg(Include Cabinet)
Dimension(L*W*H)	893*387*243mm	1370*1350*1860mm
Protection	Over-current/Over-voltage/Short circuit/ Under-voltage/Over temperature	
Warranty	5/10 years(optional)*	
Certification	UN38.3/CE/IEC62619	

Testing conditions based on temperature 25°C at the beginning of life.

\*Total Energy/Usable Energy measured under specific conditions by Uhome 0.2C CC-CV and based on recommended DOD(93%). It is recommended to configure the inverter by yourself and choose Solis 125kW three phase inverter as an option.

# Intelligent Monitoring System

The self-developed Uhome App is an energy storage monitoring and management system based on cloud computing technology. It allows users to monitor, control and optimize the operation of energy storage systems Anytime Anywhere. Users can download **UHOMEENERGY** from Apple store or Google Play store.

## Key features

- **User-friendly interface**  
Easy to operate at your fingertips
- **Real-time operation monitoring**  
Show details of real-time status of devices
- **Remote system upgrade**  
The system can be remotely upgraded by Uhome while it is online
- **Intelligent alarm**  
Real-time fault alarm, analysis, reporting and troubleshooting
- **Parameter setting**  
Configure parameters remotely
- **Proactive after-sales service**  
Help user solving problems in the fastest and most cost-effective way

Experiencing the Smart App today!



Delivering Smart, Clean Energy !

# Case Collection:

