



XI HAI NEW ENERGY

希合新能源

Client Display Portfolio

Residential ESS | C&I PV + Storage |
Containerized BESS | Mobile Solutions

Address: Shaoxing, Zhejiang, China

A project-oriented supply and solution partner for overseas energy storage business.

XI HAI NEW ENERGY is based in Shaoxing, Zhejiang, China. We focus on product supply, solution matching and project support for energy storage and PV + storage applications.

- Residential, light commercial and industrial energy storage solutions
- Product matching, quotation support and application-based solution selection
- Support for distribution, project supply and selected execution cooperation
- Flexible integration of Chinese supply resources and project delivery support



Customer-facing positioning built around product supply plus project cooperation.

Practical Product Coverage

From portable units and residential ESS to C&I cabinets and containerized BESS.

Project Support Capability

We can support demand matching, product configuration, documentation coordination and package integration.

Flexible Cooperation

Suitable for distributors, installers, EPC partners, project developers and end customers.

A compact view of the main product families.

Portable Power

0.65–2.0kWh
Portable backup and outdoor use

Residential All-in-One

5–10kWh vertical
7.68–16kWh movable
15–60kWh stackable

Battery Packs

Rack / wall-mounted / movable battery options

C&I ESS

60kW/126.7kWh to 240kW/516kWh

Containerized BESS

0.688MW/2.75MWh
2.5MW/5MWh
5MW/10MWh

Compact backup energy for home, mobile and off-grid scenarios.



Representative models

Model	Battery	Output	Notes
XH-ES H300W	0.65kWh	300W	PV 11–55V, MPPT 300W
XH-ES PH500W	1.0kWh	500W	Portable backup, fast charge
XH-ES PH1000W	2.0kWh	1000W	PV 11–55V, MPPT 550W

Highlights

- Portable LiFePO4 power stations for backup, outdoor work and emergency use
- Pure sine wave AC output with integrated MPPT charging support
- Cycle life \geq 6000 times on representative models
- Suitable for distribution and consumer-oriented fast-moving cashflow business

Three practical product forms for home and small-business applications.

Vertical ESS



- XH-Vertical 5kWh
- XH-Vertical 10kWh
- 6kW hybrid inverter
- 120–500V DC input

Movable All-in-One



- 3.6kW + 7.68kWh
- 6kW + 16kWh
- Integrated roller design
- Built-in MPPT

Stackable Power Cabinet



- 12kW + 15/30/45/60kWh
- Hybrid PV + AC input
- Modular battery expansion
- Suitable for larger residential loads

Battery Pack Options

Flexible battery formats for inverter matching and system extension.

Rack Battery



- 48V 100Ah
- 4.8kWh
- Up to 16 in parallel
- LiFePO4

Wall-mounted Battery



- 5.12 / 10.24kWh
- RS485 / CAN / RS232
- IP21
- 6000 cycles

Movable Battery Pack



- 15.36kWh
- Touch LCD + smart BMS
- RS485 / RS232 / CAN
- Mobile format

Cabinet-level solutions for commercial and industrial applications.



All-in-One Containerized BESS

Model: XH-CI-C-0.688-2.752



LFP, 280 Ah cells
0.688MW/2.752MWh
All-in-one design
Air-forced cooling system
40-foot pre-installing container
Conformance to EN IEC61000-6-2, EN IEC 61000-6-4, CEI 0-16
IEC62933-5-2, UN 38.3, more upon demand
Back-up power, peak shaving, microgrids, energy arbitration applications

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Application value

- Peak shaving and tariff optimization
- Backup power and power quality support
- PV self-consumption improvement
- Scalable path from pilot system to larger C&I deployment

Representative capacity	Format	Typical positioning
60kW / 126.7kWh	Integrated cabinet	Light C&I / backup / peak shaving
90kW / 215kWh	Cabinet ESS	Commercial applications
100kW / 215kWh	BESS cabinet	Standardized system
100kW/233kWh / 125kW/261kWh	Liquid-cooling	Higher-density solution
186kW / 372kWh	Liquid-cooling	Industrial site application
240kW / 516kWh	Cabinet ESS	Larger C&I demand

Containerized BESS

Large-scale battery storage for utility and industrial projects.

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0.688MW / 2.75MWh

Entry utility-scale container

-  Containerized integration
-  Suitable for project supply cooperation



PCS+BOOSTING SYSTEM

BATTERY SYSTEM

2.5MW / 5MWh

Mainstream containerized ESS

-  Containerized integration
-  Suitable for project supply cooperation





PCS + BOOSTING SYSTEM

BATTERY SYSTEM

5MW / 10MWh

Large-scale deployment option

-  Containerized integration
-  Suitable for project supply cooperation

A customer-oriented solution page added for project-facing presentation.



Typical system composition

- Rooftop or ground-mounted PV array
- PCS / inverter, battery cabinet or containerized ESS
- EMS / monitoring / protection / switchgear
- Designed around self-consumption, backup or tariff optimization

Project value proposition

- Reduce electricity cost and improve energy resilience
- Create a staged path from product supply to project execution
- Suitable for factories, warehouses, commercial buildings and mixed-load sites

A flexible solution page for temporary power, emergency support and mobile deployment.



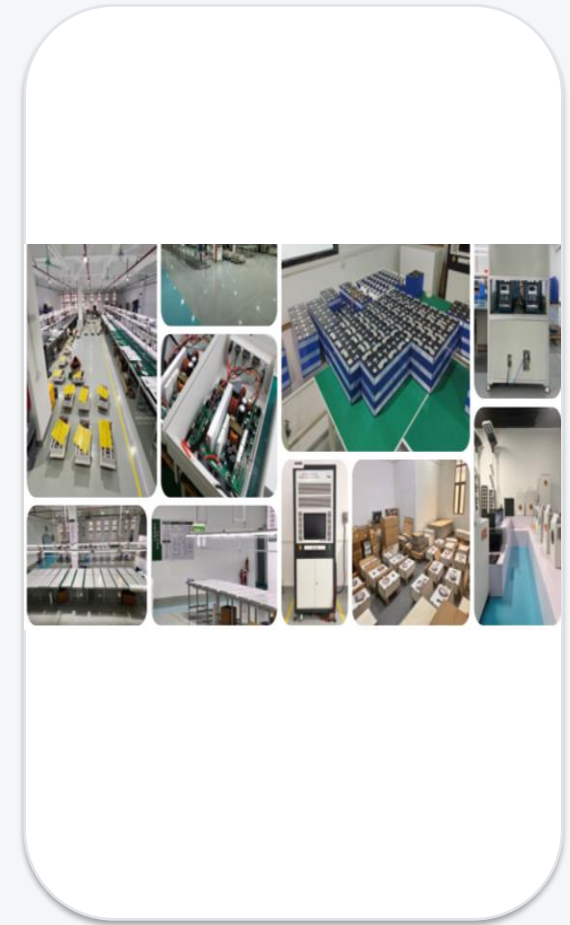
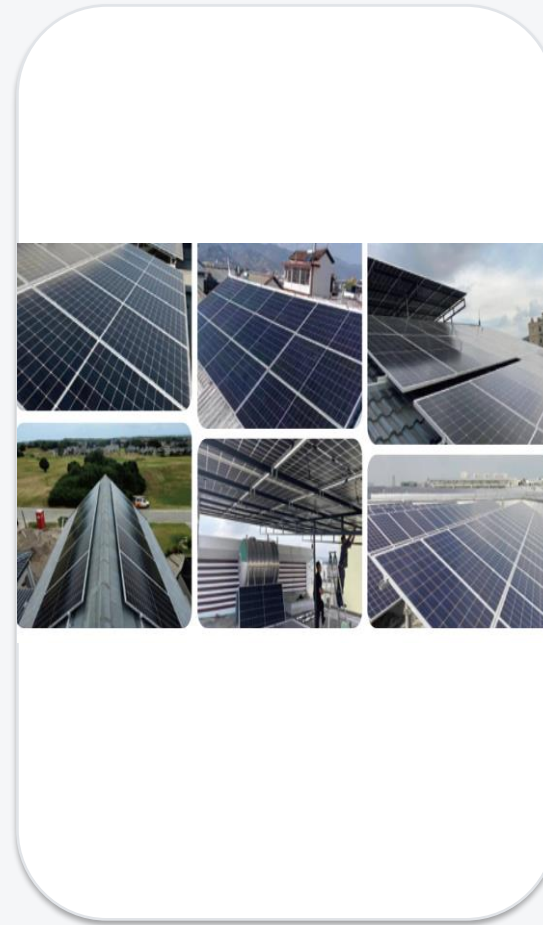
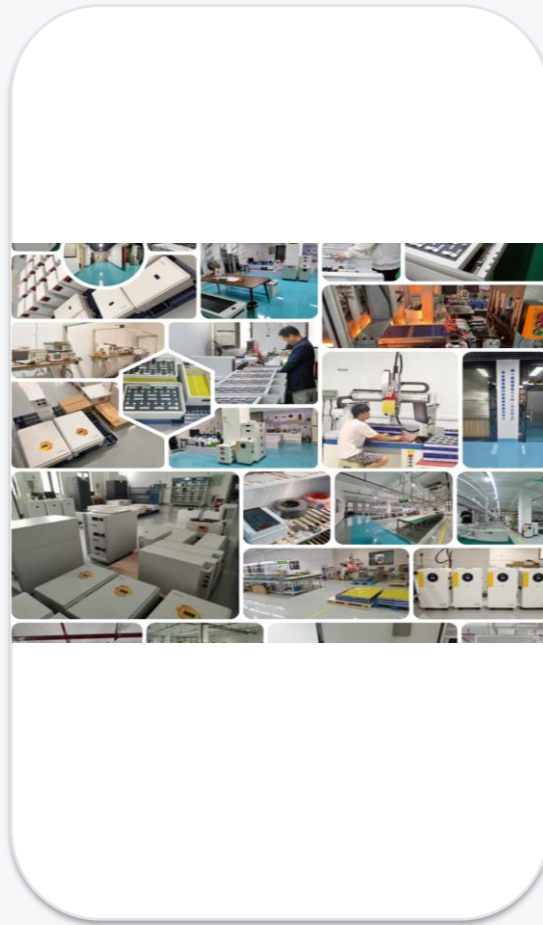
Typical application scenarios

- Emergency power and temporary site deployment
- Events, construction support and remote operations
- Fast response power support for unstable supply environments
- Can be matched with portable or movable all-in-one ESS products

Commercial relevance

- Useful as a differentiated project solution, not only a standard product sale
- Helps create higher-value discussions with project customers

Production imagery kept China-based in line with your instruction.





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Client Display Version

- Address: Shaoxing, Zhejiang, China
- Business focus: ESS, PV + ESS, containerized BESS, mobile solutions
- Cooperation: product supply, solution matching, project-facing support
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