



POWER

XINXIN ENERGY (XX)

RESIDENTIAL & COMMERCIAL
SMART ENERGY SOLUTION



WWW.XXENERGIZE.COM



About Us

Introduction

Guangdong Xinxin New Energy Co., Ltd. (XX Energy) is a high-tech company specializing in the R&D, manufacturing, and sales of advanced energy storage systems. We are committed to providing efficient, reliable, and safe solutions to support the global transition to clean energy.

With strong R&D capabilities and a skilled engineering team, XX Energy has made key advancements in battery technology and energy systems. Our products are widely used in residential, commercial, and industrial storage, as well as in solar, wind, and electric vehicle applications.



30%

of team in R&D



50+

battery projects delivered



10+

years in energy storage



Mission & Vision

Mission – What We Do

- Deliver safe, reliable lithium battery solutions for energy storage and mobility.
- Empower customers with clean, sustainable, and smart energy systems.
- Innovate continuously to support the global shift to renewable energy.

Vision – Where We're Going

- Become a trusted global brand in advanced battery technology.
- Lead in high-quality, scalable energy storage for residential, commercial, and industrial use.
- Drive the energy transition by making green power more accessible and affordable.

PRODUCTION CAPABILITY

XX Energy delivers efficient and scalable production for energy storage solutions, backed by advanced equipment and strict quality control.



3,000+ m²
Factory Area



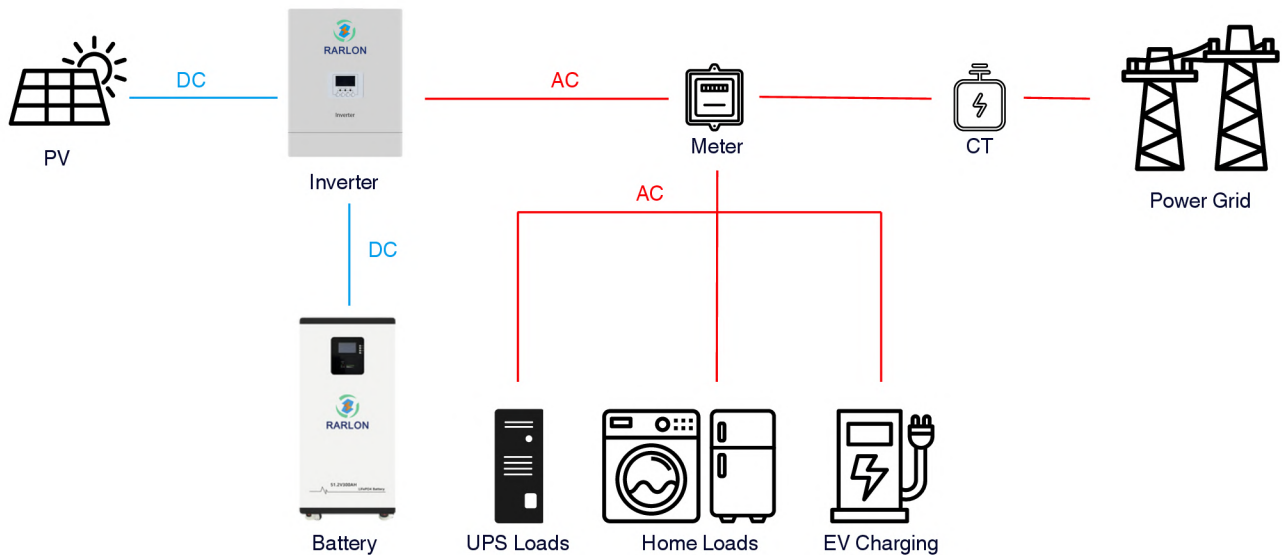
5,000+ Units
Monthly Capacity



300,000+ kWh
Annual Output



RESIDENTIAL ENERGY SOLUTION



Compatible Inverter Brands



XX-A1-48100

5.12kWh Wall-mounted Battery



Reliable Power

5.12kWh LiFePO4 battery with 6000 cycles for long-lasting performance



Flexible System

Supports up to 15 in parallel, with CAN/RS485/RS232 for easy integration



Safe & Certified

Built-in protections, MSDS & UN38.3 certified, IP20 indoor design



- ① Charge/Discharge Positive Terminal
- ② Parallel Output Port
- ③ Parallel Input Port
- ④ RS232 Communication Port
- ⑤ CAN Communication Port
- ⑥ RS485 Communication Port
- ⑦ Dry Contact
- ⑧ DIP Switch
- ⑨ Reset Switch
- ⑩ Charge/Discharge Negative Terminal
- ⑪ Low-Voltage Switch

XX-A1-48100

5.12kWh Wall-mounted Battery

Model No.	XX-A1-48100
System Parameters	
Battery Type	LiFePO4
Nominal Voltage (V)	51.2V
Nominal Capacity (Ah)	100Ah
Nominal Energy (kWh)	5.12kWh
Charge Cut-off Voltage (V)	58.4V
Recommend Charge Current (A)	25A
Max. Charge Current(A)	100A
Recommend Discharge Current (A)	25A
Max. Disharge Current(A)	100A
Discharge Cut-off Voltage (V)	44.0V
Communication	CAN/RS485/RS232
Protection Function	Overvoltage/Undervoltage/Overtemperature/Low Temperature/Overcurrent/Short Circuit Protection
Expansion	UP to 15 units in parallel
Cycle Life	6000 cycles
Warranty	5 years
Dimensions (L*W*H)	500*480*195mm
Packing Dimension	560*540*260mm
Net Weight	44.8kg
Gross Weight	48kg
Working Conditions	
Working Temperature	Charge: 0~45°C @ 60±25% Discharge:-20~60°C @ 60±25%
Storage Temperature	-5~35°C
Humidity	5%~95%
Cooling Method	Natural Cooling
Protection Level	IP20
Altitude (m)	2000m
Certificate	MSDS, UN38.3

Notes:

- Specs listed are based on standard lab conditions—real-world performance may vary.
- Need something custom? We offer flexible options for voltage, current, and BMS protocols.
- We're always improving—product details may change without notice.
- Works with most popular inverter brands. For specific compatibility, just ask.
- Want wiring guides or more tech info? Reach out—we're happy to help.

XX-A2-48150

7.68kWh Wall-mounted Battery



Smart Control

Remote diagnostics, OTA updates, and auto-restart after undervoltage



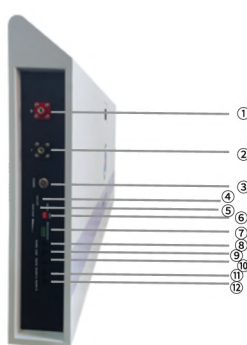
Scalable

Built-in WiFi module, supports up to 15 units in parallel



Durable

6000+ cycles @80%DOD, CAN & RS485 compatible with inverters



- ① Charge/Discharge Positive Terminal
- ② Charge/Discharge Negative Terminal
- ③ Low-Voltage Switch
- ④ Reset Switch
- ⑤ Indicator Light
- ⑥ DIP Switch
- ⑦ Dry Contact
- ⑧ RS485 Communication Port
- ⑨ CAN Communication Port
- ⑩ RS232 Communication Port
- ⑪ Parallel Input Port
- ⑫ Parallel Output Port

XX-A2-48150

7.68kWh Wall-mounted Battery

Model No.	XX-A2-48150
System Parameters	
Battery Type	LiFePO4
Nominal Voltage (V)	51.2V
Nominal Capacity (Ah)	150Ah
Nominal Energy (kWh)	7.68kWh
Charge Cut-off Voltage (V)	58.4V
Recommend Charge Current (A)	50A
Max. Charge Current(A)	150A
Recommend Discharge Current (A)	100A
Max. Discharge Current(A)	150A
Discharge Cut-off Voltage (V)	44.0V
Communication	CAN/RS485/RS232
Protection Function	Overvoltage/Undervoltage/Overtemperature/Low Temperature/Overcurrent/Short Circuit Protection
Expansion	UP to 15 units in parallel
Cycle Life	6000 cycles
Warranty	5 years
Dimensions (L*W*H)	1145*574*119mm
Packing Dimension	1185*620*285mm
Net Weight	75kg
Gross Weight	95.6kg
Working Conditions	
Working Temperature	Charge: 0~45°C @ 60±25% Discharge:-20~60°C @ 60±25%
Storage Temperature	-5~35°C
Humidity	5%~95%
Cooling Method	Natural Cooling
Protection Level	IP20
Altitude (m)	2000m
Certificate	MSDS, UN38.3

Notes:

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XX-A4-48300 / XX-A3-48200 15.36kWh / 10.24kWh Floor-standing Battery



Easy Mobility

15kWh model comes with wheels for flexible placement



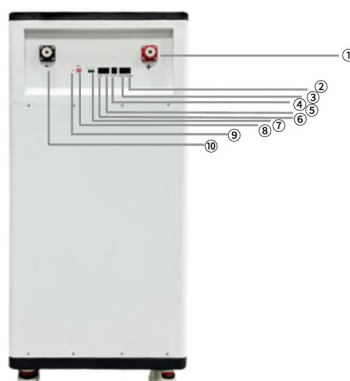
Touchscreen Control

Built-in display for real-time monitoring



Compact Options

available in 15.36kWh and 10.24kWh floor-standing designs



- ① Charge/Discharge Positive Terminal
- ② Parallel Output Port
- ③ Parallel Input Port
- ④ RS232 Communication Port
- ⑤ CAN Communication Port
- ⑥ RS485 Communication Port
- ⑦ Dry Contact
- ⑧ DIP Switch
- ⑨ Reset Switch
- ⑩ Charge/Discharge Negative Terminal
- ⑪ Low-Voltage Switch
- ⑫ Air Circuit Breaker

XX-A4-48300 / XX-A3-48200

15.36kWh / 10.24kWh Floor-standing Battery

Model No.	XX-A4-48300 (with wheels)	XX-A3-48200 (without wheels)
System Parameters		
Battery Type	LiFePO4	LiFePO4
Nominal Voltage (V)	51.2V	51.2V
Nominal Capacity (Ah)	300Ah	200Ah
Nominal Energy (kWh)	15.36kWh	10.24kWh
Charge Cut-off Voltage (V)	58.4V	58.4V
Recommend Charge Current (A)	60A	60A
Max. Charge Current(A)	200A	200A
Recommend Discharge Current (A)	150A	150A
Max. Discharge Current(A)	200A	200A
Discharge Cut-off Voltage (V)	44.0V	44.0V
Communication	CAN/RS485/RS232	CAN/RS485/RS232
Protection Function	Overvoltage/Undervoltage/Overtemperature/Low Temperature/Overcurrent/Short Circuit Protection	
Expansion	UP to 15 units in parallel	UP to 15 units in parallel
Cycle Life	6000 cycles	6000 cycles
Warranty	5 years	5 years
Dimensions (L*W*H)	400*300*970mm	500*250*915mm
Packing Dimension	530*470*1065mm	560*310*975mm
Net Weight	123kg	89kg
Gross Weight	142kg	95.6kg
Working Conditions		
Working Temperature	Charge: 0~45°C @ 60±25% Discharge:-20~60°C @ 60±25%	Charge: 0~45°C @ 60±25% Discharge:-20~60°C @ 60±25%
Storage Temperature	-5~35°C	-5~35°C
Humidity	5%~95%	5%~95%
Cooling Method	Natural Cooling	Natural Cooling
Protection Level	IP20	IP20
Altitude (m)	2000m	2000m
Certificate	MSDS, UN38.3	MSDS, UN38.3

Notes:

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XX-A5-48300 / XX-A6-24300 15.36kWh / 7.68kWh Fixed All-in-One ESS



All-in-One Design

Integrated inverter for plug-and-play setup



Mobile & Convenient

Floor-standing with wheels for easy relocation



Flexible Capacity

15.36kWh and 7.68kWh options available



Touchscreen Display

Inverter unit features an interactive, user-friendly screen



Status at a Glance

Battery unit includes LED indicators for quick system checks



Clean & Compact

Space-efficient design fits well in homes or businesses

XX-A5-48300 / XX-A6-24300

15.36kWh / 7.68kWh Fixed All-in-One ESS

Model No.	XX-A5-48300	XX-A6-24300
Inverter Parameters		
Rated Output Power	6kW	3.6kW
Waveform	Sine wave	Sine wave
AC Output Voltage Regulation (battery mode)	230V (alternating current $\pm 5\%$)	230V (alternating current $\pm 5\%$)
Inverter Efficiency	90%~93% (peak)	90%~93% (peak)
AC Input Voltage	230V (alternating current)	230V (alternating current)
Max. AC Input Voltage	280V	280V
Frequency	50/60Hz	50/60Hz
Battery Parameters		
Battery Type	LiFePO4	LiFePO4
Nominal Voltage (V)	51.2V	25.6V
Nominal Capacity (Ah)	300Ah	300Ah
Nominal Energy (kWh)	15.36kWh	7.68kWh
Charge Cut-off Voltage (V)	58.4V	20.92V
Recommend Charge Current (A)	60A	75A
Max. Charge Current(A)	120A	150A
Recommend Discharge Current (A)	60A	75A
Max. Discharge Current(A)	120A	150A
Discharge Cut-off Voltage (V)	44.0V	20V
Communication	USB/WiFi	USB/WiFi
Protection Function	Overvoltage/Undervoltage/Overtemperature/Low Temperature/Overcurrent/Short Circuit Protection	
Cycle Life	6000 cycles @80% DOD	6000 cycles @80% DOD
Warranty	5 years	5 years
System Parameters		
Dimensions (L*W*H)	700*280*1207mm	565*450*646mm
Packing Dimension	1267*760*340mm	625*510*706mm
Net Weight	138.6kg	80.6kg
Gross Weight	156.6kg	98.6kg
Working Conditions		
Working Temperature	Charge: 0~45°C @ 60 $\pm$ 25% Discharge:-10~60°C @ 60 $\pm$ 25%	Charge: 0~45°C @ 60 $\pm$ 25% Discharge:-10~60°C @ 60 $\pm$ 25%
Storage Temperature	-5~35°C	-5~35°C
Humidity	5%~95%	5%~95%
Cooling Method	Natural Cooling	Natural Cooling
Protection Level	IP20	IP20
Altitude (m)	2000m	2000m
Certificate	MSDS, UN38.3	MSDS, UN38.3

XX-B Series Stackable All-in-One ESS



Stackable Design

Modular structure with inverter on top, batteries below



High Scalability

Supports up to 15 battery units in parallel



Mobile & Stable

Comes with base and wheels for convenient movement



All-in-One System

Inverter and batteries integrated into one compact setup



Easy Installation

Comes with a sturdy base and wheels for mobility



Flexible Inverter

Supports different power ratings based on your needs

XX-B Series Stackable All-in-One ESS

Model No.	XX-B1-48100	XX-B2-48100	XX-B3-48100
Inverter Parameters			
Rated Output Power	3.6kW	6kW	12kW
Waveform	Sine wave	Sine wave	Sine wave
AC Output Voltage Regulation (battery mode)	230V (alternating current $\pm 5\%$)	230V (alternating current $\pm 5\%$)	230V (alternating current $\pm 5\%$)
Inverter Efficiency	90%~93% (peak)	90%~93% (peak)	90%~93% (peak)
AC Input Voltage	230V (alternating current)	230V (alternating current)	230V (alternating current)
Max. AC Input Voltage	280V	280V	280V
Frequency	50/60Hz	50/60Hz	50/60Hz
Battery Parameters			
Battery Type	LiFePO4	LiFePO4	LiFePO4
Nominal Voltage (V)	51.2V	51.2V	51.2V
Nominal Capacity (Ah)	100Ah	200Ah	300Ah
Nominal Energy (kWh)	5.12kWh	10.24kWh	15.36kWh
Charge Cut-off Voltage (V)	58.4V	58.4V	58.4V
Recommend Charge Current (A)	25A	25A	25A
Max. Charge Current(A)	120A	120A	120A
Recommend Discharge Current (A)	50A	50A	50A
Max. Discharge Current(A)	120A	120A	120A
Discharge Cut-off Voltage (V)	44.0V	44.0V	44.0V
Communication	CAN/RS485/RS232	CAN/RS485/RS232	CAN/RS485/RS232
Protection Function	Overvoltage/Undervoltage/Overtemperature/Low Temperature/Overcurrent/Short Circuit Protection		
Cycle Life	6000 cycles @80% DOD	6000 cycles @80% DOD	6000 cycles @80% DOD
Warranty	5 years	5 years	5 years
System Parameters			
Dimensions (L*W*H)	550*495*530mm	550*495*725mm	550*495*920mm
Packing Dimension	600*600*270mm	600*600*270mm	600*600*270mm
Net Weight	88.1kg	136.1kg	184kg
Gross Weight	93.7kg	144.7kg	198kg
Working Conditions			
Working Temperature	Charge: 0~45°C @ 60 $\pm$ 25% Discharge:-10~60°C @ 60 $\pm$ 25%	Charge: 0~45°C @ 60 $\pm$ 25% Discharge:-10~60°C @ 60 $\pm$ 25%	Charge: 0~45°C @ 60 $\pm$ 25% Discharge:-10~60°C @ 60 $\pm$ 25%
Storage Temperature	-5~35°C	-5~35°C	-5~35°C
Humidity	5%~95%	5%~95%	5%~95%
Cooling Method	Natural Cooling	Natural Cooling	Natural Cooling
Protection Level	IP20	IP20	IP20
Altitude (m)	2000m	2000m	2000m
Certificate	MSDS, UN38.3	MSDS, UN38.3	MSDS, UN38.3

Touch Screen WiFi/Bluetooth

Equipped with Touchscreen — Real-Time Battery Monitoring



Real-time monitoring of cell voltage data



Instant access to internal temperature readings



Live display of remaining battery capacity



Seamless switching between communication channels



LiFePO4 Batteries for RV & Marine Use For Lead-acid Battery Replacement



Model No.	XX-12100	XX-12200	XX-25100	XX-25200
Nominal Voltage (V)	12.8V	12.8V	25.6 V	25.6V
Nominal Capacity (Ah)	100Ah	200Ah	100Ah	200Ah
Nominal Energy (Wh)	1280Wh	2560Wh	2560Wh	5120Wh
Voltage Range (V)	10~14.6V	10~14.6V	20~29.2V	20~29.2V
Recommend Charge Current (A)	50A	100A	50A	100A
Max. Charge Current (A)	100A	200A	100A	200A
Recommend Discharge Current (A)	50A	100A	50A	100A
Max Discharge Current (A)	100A	200A	100A	200A
Cycle LiFe	3500	3500	3500	3500
Warranty	5 years	5 years	5 years	5 years
Protection Level	IP65	IP65	IP65	IP65
Dimensions	333*176*221mm	522*238*218mm	522*238*218mm	635*244*218mm
Net Weight	10kg	19.7kg	19.2kg	35.6kg
Certificate	MSDS, UN38.3	MSDS, UN38.3	MSDS, UN38.3	MSDS, UN38.3

XX215KWH C&I ESS



High Capacity

215kWh energy storage for commercial & industrial use



Robust Performance

Designed for reliable, continuous operation



Flexible Integration

Compatible with various energy management systems



XX215KWH

C&I ESS

Model No.	XX215KWH
Battery	
Battery Type	LiFePO4
Nominal Voltage (V)	768V
Nominal Capacity (Ah)	280Ah
Nominal Energy (kWh)	215kWh
Battery Cell	3.2V280Ah
Energy per Battery Module (kWh)	43kWh
Battery Pack Configuration	240S1P
Number of Strings	1
Working Voltage Range	672~876V
Max. Charge Rate (kVA)	1000kVA
AC (online)	
Rated AC Output Power	100kW
Rated Current	145A
Rated Grid Voltage	400V
Environment	
Grid Frequency	50Hz/60Hz
RHDV (Linear load)	≤3%
General Data	
Communication Interface	Ethernet/CAN/RS485
Protocol (optional)	Can/RS485/RS232
Cycle Life	6000 cycles
Warranty	5 years
Dimensions (L*W*H)	1308*1452*2200mm
Net Weight	2420kg
Fire Extinguishing System	Gas Aerosol, Combustible gas detector (optional)
Working Temperature	Charge:0-50°C Discharge: -15-50°C
Humidity	0-95% (non-condensing)
Cooling Method	Liquid Cooling
Protection Level	IP54
Altitude (m)	3000m (> 2000m derated)

Notes:

- Built for big jobs—ideal for high power use, long runtimes, and demanding sites.
- Easy to scale as your energy needs grow—just add more capacity.
- We offer site-specific support, from planning to installation—just let us know.
- Fully compliant with safety and grid standards.
- Perfect for backup power, peak shaving, or grid-tied systems—reach out to discuss your setup.



PROJECT CASES

WHY CHOOSE US

Qualifications

Certified with ISO9001, CE, UN38.3, and MSDS, ensuring product safety, quality, and international compliance.



We Offer



OEM & ODM Solutions

Custom battery design, branding, and configuration



System Integration

Complete battery packs with BMS and inverter compatibility



Scalable Production

Flexible capacity for both small-batch and bulk orders



Fast Prototyping

Rapid sample development to accelerate time-to-market



Technical Consulting

Expert advice from project planning to technical troubleshooting



Marketing Support

Product materials and strategy suggestions for partners



Local Warehouse

Inventory support to reduce delivery time and logistics cost



After-Sales Service

Responsive and professional customer support

www.xxenergize.com



 **POWER**

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