

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

Guangdong Xinxin New Energy Co., LTD (XX Energy)

✉ Melody@xxenergize.com

🌐 www.xxenergize.com

📍 Addr: Room 701, Bldg. 3, 34 Huangwu Industrial Zone Road, Dongkeng Town, Dongguan, Guangdong, China. 523749

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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.