

Lynx A G4 Series

16kWh | Low Voltage Battery

The Lynx A G4 Series 16kWh battery is a high-capacity, low-voltage energy storage solution designed specifically for residential and small C&I applications. It enables homeowners to store excess solar energy for use during peak demand hours or power outages, enhancing energy independence and self-consumption. Compatible with GoodWe low-voltage inverters, the Lynx A G4 Series ensures seamless integration and optimized system performance, providing a reliable and efficient energy storage experience for modern homes.



*Non-touch (left), Touch-screen (right)



Optimized Performance

- Support continuous 0.5C charging & 0.63C discharging
- High-capacity **314Ah** cells with long **8000**-cycle lifespan

COMING
SOON



Safety & Reliability

- Aerosol fire suppression system¹ & **IP65** protection
- Thermal-electric separation for safety and reliability
- Heating technology for reliable operation from **-20°C to 55°C**¹



Flexible Expansion & Compatibility

- Up to **30 units** in parallel, scalable for small C&I applications
- Compatible with single-phase and three-phase inverters
- Perfectly mix-matched with different LV batteries via Mix Parallel Unit



Friendly & Thoughtful Design

- **Touchscreen** for easy interaction¹
- Floor-Mounted & Wall-Mounted installation design
- Supports active balancing of battery pack voltage and SOC

Technical Data		GW16.1-BAT-LV-G10
Rated Energy (kWh)		16.1
Usable Energy (kWh) ^{*1}		≥14.9
Battery Type		LFP (LiFePO4)
Nominal Voltage (V)		51.2
Max. Continuous Charging Current (A)		157
Max. Continuous Discharging Current (A)		200
Max. Input Power (System) (kW) ^{*2}		8
Max. Output Power (System) (kW) ^{*2}		10
Peak Output Power (System) (kW) ^{*2}		16 @ 15S
Charging Temperature Range (°C)		0<T≤55
Discharging Temperature Range (°C)		-20<T≤55
Relative Humidity		5% ~ 90%
Max. Operating Altitude (m)		4000
Communication		CAN, RS485
Weight (kg)		≤122
Dimensions (H × W × D mm)		≤895 × 470 × 245 (Excluding installation accessories)
Optional Function Configuration		Heatable, regulating wheel, LCD touch screen, fire protection
Ingress Protection		IP65
Ambient Temperature (°C)		0<T≤45 (standard configuration) 10<T ≤35 (Recommend) -20<T≤45 (optional)
Max. Storage Time		12 months (-20°C ~ +35°C) 6 months (+35°C ~ +45°C)
Scalability		30 pcs
Mounting Method		Floor-Mounted, Wall-Mounted
Standard and Certification	Safety	IEC 62619, IEC 63056, IEC 60730-1, CE, CEC
	EMC	EN IEC61000-6-1, EN IEC61000-6-2, EN IEC61000-6-3, EN IEC61000-6-4
	Transportation	UN38.3, ADR, MSDS

*1: Test conditions, 100% DOD (cell 2.85 ~ 3.6V voltage range), 0.2P charge & discharge at 25 ± 2°C for battery system at the beginning of life.

Usable energy is defined by its initial design value. Actual available energy may vary depending on charge / discharge rate, environmental conditions (e.g. temperature), transport and storage factors

*2: Max. Input Power / Max. Output Power / Peak Output Power derating will occur related to Temperature and SOC.

*: Please visit GoodWe website for the latest certificates.

*: As a part of our policy of continuous improvement, we reserve the right to alter design and specifications without further notice.