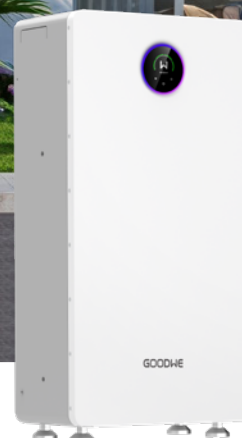


Lynx A G4 Series

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.



COMING
SOON



Optimized Performance

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



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

- Floor-Mounted & Wall-Mounted installation design
- Supports active balancing of battery pack voltage and SOC

Technical Data		GW16.1-BAT-LV-G10
Battery Type	LFP (LiFePO ₄)	
Rated Capacity (Ah)	314	
Rated Energy (kWh)	16.1	
Usable Energy (kWh) ^{*1}	≥14.9	
Nominal Voltage(V)	51.2	
Voltage Range(V)	45.92 ~ 57.76	
Max. Continuous Charging Current (System) (A)	157	
Max. Continuous Discharging Current (System) (A)	200	
Max. Input Power (kW) ^{*2}	8	
Max. Output Power (kW) ^{*2}	10	
Peak Output Power (System) (kW) ^{*2}	16 (15s)	
Charging Temperature Range(°C)	0 ~ +55	
Discharging Temperature Range (°C)	-20 ~ +55	
Relative Humidity	5 - 95%	
Max. Operating Altitude (m)	4000	
Communication	CAN	
Weight (kg)	≤122	
Useable Extinguishing Agent	CO ₂ , H ₂ O	
Crucial Material	LiFePO ₄ , C, Cu, LiPF ₆ , Al, (C ₃ H ₆)n	
Ingress Protection	IP65	
Protective Class	I	
Dimensions (W x H x D mm)	≤470 x 895 x 245 (No base)	
Function Configuration	Regulating wheel (Optional); Aerosol fire extinguishing (Optional)	
Max. Storage time	-20 ~ +35°C≤12 months +35 ~ +45°C≤6 months	
Scalability	30P	
Mounting Method	Wall-Mounted, Floor-Mounted	
Cycle Life ^{*3}	≥8000 (25 ± 2°C 0.5C 90% DOD 70% SOH)	
Standard and Certification	Safety	IEC62619, IEC60730, IEC63056, CE
	EMC	CE
	Transportation	UN38.3, MSDS

*1: Test conditions, 100% DOD (cell 2.87 ~ 3.61V 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.

*3: This refers to the Cycle Life of the battery cell.

*: 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.