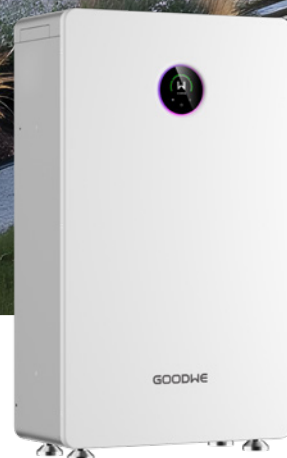


# GOODWE

## Lynx A G3 Series

### 14.3kWh | Low Voltage Battery

The Lynx A G3 Series 14.3kWh battery is a high-capacity, low-voltage energy storage solution designed specifically for residential 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 G3 Series ensures seamless integration and optimized system performance, providing a reliable and efficient energy storage experience for modern homes.



#### High Power Efficiency

- 12kW charge/13.2kW discharge, faster load response
- Support continuous 0.8C charging & 0.94C discharging
- Support parallel connection for easy expansion



#### Sustained High Performance

- High-capacity 280Ah cells with long 6500-cycle lifespan
- Reliable LFP technology with high cycle stability



#### Wide Compatibility

- Compatible with single-phase ES Uniq and three-phase ET LV inverters
- Perfectly matched with high-power inverters



#### Friendly & Thoughtful Design

- White appliance style design
- Smart LED display for real-time status

| Technical Data                               |                | GW14.3-BAT-LV-G10                                                                 |
|----------------------------------------------|----------------|-----------------------------------------------------------------------------------|
| Rated Energy (kWh)                           |                | 14.3                                                                              |
| Usable Energy (kWh)* <sup>1</sup>            |                | ≥13.8                                                                             |
| Battery Type                                 |                | LFP (LiFePO <sub>4</sub> )                                                        |
| Nominal Voltage (V)                          |                | 51.2                                                                              |
| Max. Continuous Charging Current (A)         |                | 224                                                                               |
| Max. Continuous Discharging Current (A)      |                | 260                                                                               |
| Max. Input Power (System) (kW) <sup>2</sup>  |                | 12                                                                                |
| Max. Output Power (System) (kW) <sup>2</sup> |                | 12 (13.2 @ 10min)                                                                 |
| Peak Output Power (System) (kW) <sup>2</sup> |                | 20 @ 15s                                                                          |
| Charging Temperature Range (°C)              |                | 0 ~ +55                                                                           |
| Discharging Temperature Range (°C)           |                | -20 ~ +55                                                                         |
| Relative Humidity                            |                | 5 ~ 85%                                                                           |
| Max. Operating Altitude (m)                  |                | 4000                                                                              |
| Communication                                |                | CAN, RS485                                                                        |
| Weight (kg)                                  |                | 125                                                                               |
| Dimensions (W × H × D mm)                    |                | 530 × 885 × 246 (Without the base)<br>530 × 918.6 × 246 (With base included)      |
| Optional Function Configuration              |                | Aerosol                                                                           |
| Ingress Protection                           |                | IP20                                                                              |
| Ambient Temperature                          |                | 0 ~ +45 (Standard configuration)<br>+10 ~ +35 (Recommend)<br>-20 ~ +45 (Optional) |
| Max. Storage Time                            |                | 12 months (-20°C ~ +35°C)<br>6 months (+35°C ~ +45°C)                             |
| Mounting Method                              |                | Floor-Mounted, Wall-Mounted                                                       |
| Standard and Certification                   | Safety         | IEC 62619, IEC 63056, IEC 60730-1                                                 |
|                                              | 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.