GOODWE

# Lynx A Series

## 5kWh I Low Voltage Battery

Harnessing the reliability of lithium iron phosphate (LFP) battery cell technology to ensure safety and longevity, GoodWe's low-voltage Lynx A Series has been designed to cater to residential requirements. With a focus on maximizing self-consumption and providing reliable solar power backup, this system ensures a seamless energy experience for homeowners. Moreover, the battery presents high energy density, enabling effective storage of significant energy within a confined space.




### Smart Control

· Remote diagnosis & update via inverter
· Auto reboot after undervoltage

### Friendly & Thoughtful Design

· Compact and lightweight design
· Cell-to-pack (CTP) battery design

### Superb Safety & Reliability

· Reliable LFP technology with high cycle stability
· Insulation resistance test

### Flexible & Adaptable Applications

· Possess scalability to meet demand
· Compatible with GoodWe residential storage inverters

# Lynx A Series

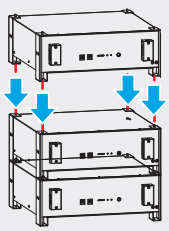
GOODWE

| Technical Data | | LX A5.0-10 |
|---|---|---|
| Usable Energy (kWh)*1 | | 5 |
| Battery Module | | LX A5.0-10: 51.2V 5.0kWh |
| Number of Modules | | 1 |
| Cell Type | | LFP (LiFePO4) |
| Nominal Voltage (V) | | 51.2 |
| Operating Voltage Range (V) | | 47.5 ~ 57.6 |
| Nominal Dis- / Charge Current (A)*2 | | 60 |
| Nominal Power (kW)*2 | | 3 |
| Operating Ambient Temperature Range (°C) | | Charge: 0 ~ +50; Discharge: -10 ~ +50 |
| Relative Humidity | | 0 ~ 95% |
| Max. Operating Altitude (m) | | 3000 |
| Communication | | CAN |
| Weight (kg) | | 40 |
| Dimensions (W × H × D mm) | | 442 × 133 × 420 (Excluding hanger);<br>483 × 133 × 452 (Including hanger) |
| Ingress Protection Rating | | IP21 |
| Mounting Method | | Cabinet / Floor stacked / Wall-Mounted |
| Standard and Certification | Safety | IEC62619, IEC63056, IEC62040-1 |
| | EMC | EN IEC61000-6-1, EN IEC61000-6-2, EN IEC61000-6-3, EN IEC61000-6-4 |
| | Transportation | UN38.3, ADR |

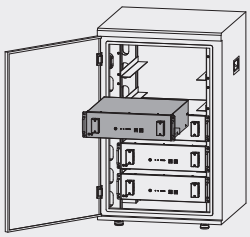
*1: Test conditions, 100% DOD, 0.2C charge & discharge at +25 ±2°C for battery system at beginning life. System Usable Energy may vary with different Inverter.
*2: Nominal Dis- / Charge Current and power derating will occur related to Temperature and SOC.
*3: Based on Using Battery Combiner Box to parallelize battery modules.
n: Max 15.
*: Please visit GoodWe website for the latest certificates.
*: All pictures shown are for reference only. Actual appearance may vary.

## Installation Method (Excluding Hanger)



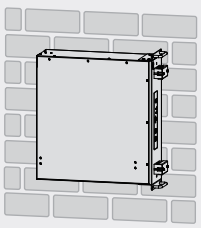
Method 1: Floor-mounted



Method 2: Cabinet

## Installation Method (Including Hanger)



Method 3: Wall-mounted

GoodWe-Single page-20251020-EN-V2.1. Information may be subject to change without notice during product improving.