GOODWE

# Lynx D Series

## 5.0kWh I High Voltage Battery

GoodWe's Lynx D Series is a high-voltage lithium battery specially designed for residential applications with superior performance. Compatible with GoodWe ET G2 inverters, Lynx D Series comes with GoodWe one-stop-shop solution saving you considerable time and effort. This versatile system serves effectively in scenarios focused on self-consumption and backup power needs. With its sleek and modern design, it seamlessly blends into residential settings. The installation and commissioning have been made quicker and easier than ever with a user-friendly Plug and Play wiring system. Moreover, Lynx D batteries are engineered to support a mix of old and new battery packs, ensuring adaptable expansion and hassle-free replacement options.




### Smart Control

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

### Friendly & Thoughtful Design

· Sleek and modern design
· Plug & Play wiring

### Superb Safety & Reliability

· Reliable LFP technology with high cycle stability
· IP66 protection for outdoor installation safety

### Flexible & Adaptable Applications

· Modular design for parallel connection
· Supports mixing new and old battery packs for flexible expansion

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| Technical Data | | LX D5.0-10 |
|---|---|---|
| Usable Energy (kWh)*1 | | 5 |
| Cell Type | | LFP ($LiFePO_4$) |
| Nominal Output Voltage (V) | | 380 |
| Nominal Voltage (V)* | | 51.2 |
| Output Voltage (V)** | | 320 ~ 480 |
| Nominal Power (kW) | | 3 |
| Max. Charge / Discharge Power (kW) | | 3 |
| Peak Power (kW) | | 5KW, 10s |
| Fault current (A) | | 1010A, 0.168ms@404.1Vdc |
| Operating Temperature Range (°C) | | Charge: 0 ~ +53; Discharge: -20 ~ +53 |
| Relative Humidity | | 0 - 95% |
| Max. Operating Altitude (m) | | 4000 |
| Communication | | CAN |
| Weight (kg) | | 52 |
| Dimensions (W × H × D mm) | | 700 × 380 × 170 |
| Ingress Protection Rating | | IP66 |
| Mounting Method | | Floor stacked / Wall-mounted |
| Standard and Certification | Safety | IEC62619, IEC60730, VDE2510-50, CE, CEC |
| | EMC | CE, RCM |
| | Transportation | UN38.3 |
| Country of Manufacture | | China |

*1: Test conditions, 100% DOD, 0.2C charge & discharge at +25 ±3°C for battery system at beginning life. System Usable Energy may vary with different Inverter.
*: Voltage of internal battery module
**: Voltage at the terminals of the LX D5.0-10(after DC-DC conversion
*: Please visit GoodWe website for the latest certificates.
*: All pictures shown are for reference only. Actual appearance may vary.

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