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 residential energy storage inverters, Lynx D Series comes with one-stop-shop solutions saving you considerable time and effort. Each battery pack is designed as a standalone unit, incorporating a dedicated Battery Management System (BMS). 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 and 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

Lynx Home D Series

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Technical Data		LX D5.0-10
Usable Energy (kWh)*1		5
Cell Type		LFP ($LiFePO_4$)
Nominal Voltage (V)		Charge: 435; Discharge: 380
Output Voltage (V)		320 ~ 480
Nominal Power (kW)*2		3
Peak Power*2		5kW, 10s
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

*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.
*2: Power derating will occur related to Temperature and SOC.
*: Please visit GoodWe website for the latest certificates.
*: All pictures shown are for reference only. Actual appearance may vary.