GOODWE



Powerful HV battery system with flexible configuration and high energy density

- Maximised power back-up
- Smart and efficient operation
- Highest safety standards
- Modern and compact design

Featuring lithium iron phosphate (LFP) battery technology for enhanced safety and reliable performance, GoodWe's HV Lynx D Series has been especially designed to facilitate a wide capacity range to meet the needs of residential solar power systems. Featuring stackable, self-detecting battery modules, the system is flexible and easy to install, allowing you to mix new and old battery modules for future expandable needs. Utilize more potential from solar energy by combining Lynx D battery with GoodWe hybrid inverters and any smart-grid ready household appliances to gain independance and reduce your energy costs with unintrerupted power supply.



- Reliable performance (LFP battery cell)
- Up to 8 stackable modules (40kWh)
- Remote diagnosis and update via inverter

Lynx D Series | High Voltage Battery I 5kWh - 40kWh | **EMEA**

Lynx D Series

GOODWE

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.

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This datasheet provides information about products offered in the EMEA region.