GOODWE

Safe and flexible LV battery system for PV power self-consumption and back-up

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

Featuring lithium iron phosphate (LFP) battery technology for enhanced safety and reliable performance, GoodWe's low-voltage (LV) Lynx Home U Series has been specially designed for residential applications. The system is optimised for self-consumption and back-up of solar power, while the convenient plug-and-play design allows for easy installation. Compatible with GoodWe ES/ES G2/ EM/SBP/SBP G2 inverters, the modular battery system is scalable in the range from 5.4 to 32.4kWh.

- Reliable LFP battery cell
- High battery cycle stability
- Remote diagnosis and update via inverter

Lynx Home U Series Low Voltage Battery I 5.4kWh - 32.4kWh **EMEA**

Lynx Home U Series

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Technical Data	LX U5.4-20	2*LX U5.4-20	3*LX U5.4-20	4*LX U5.4-20	5*LX U5.4-20	6*LX U5.4-20
Usable Energy (kWh)*1	5.4	10.8	16.2	21.6	27.0	32.4
Cell Type	LFP (LiFePO4)					
Nominal Voltage (V)	51.2					
Operating Voltage Range (V)	47.5 ~ 57.6					
Nominal Dis- / Charge Current (A)*2	50	100	100	100	100	100
Nominal Power (kW)*2	2.56	5.12	5.12	5.12	5.12	5.12
Communication	CAN, RS485					
Weight (kg)	57	114	171	228	285	342
Dimensions (W × H × D mm)	505 × 570 × 175 (LX U5.4-20)					
Operating Temperature Range (°C)	Charge: 0 ~ +50 / Discharge: -10 ~ +50					
Relative Humidity	0 ~ 95%					
Max. Operating Altitude (m)	2000					
Ingress Protection Rating	IP65					
Mounting Method	Wall Mounted / Grounded					
Standard and Certification – Safety	IEC62619, IEC63056, IEC 62040, CEC					
Standard and Certification – EMC	CE, RCM					
Standard and Certification – Transportation	UN38.3					

*1: Test conditions, cell Voltage 2.5 ~ 3.65V, 0.5C 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.
*: Please visit GoodWe website for the latest certificates.