

GOODWE

Lynx Home U Series

5.4-32.4kWh | Low voltage battery

Lynx Home U Series is a low-voltage lithium battery specially designed for residential applications with superior performance. Compatible with GoodWe ES/EM/SBP inverters, Lynx Home U Series comes with GoodWe one-stop-shop solution saving you considerable time and effort. It can be used flexibly for self-consumption and backup applications with a wide capacity range scalable from 5.4 – 32.4kWh. Each battery pack is a standalone unit with an integrated Battery Management System (BMS), eliminating the need for a Power Control Unit (PCU). The installation and commissioning are easier and faster than ever with a simple Plug and Play wiring and module auto recognition during system setup. Meet this highly efficient solution for storing your solar power and use it whenever needed.



Smart Control

- Remote diagnosis & update
- Auto reboot after undervoltage



Friendly & Thoughtful Design

- Auto-recognition modules
- Plug & Play wiring









Superb Safety & Reliability

- Reliable LFP technology with high cycle stability
- IP65 protection for outdoor installation safety



Flexible & Adaptable Applications

- 5.4 – 32.4kWh wide capacity range
- Compatible with GoodWe ES/EM/SBP inverters

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					
	 x1	 x2	 x3	 x4	 x5	 x6
Usable Energy (kWh) ^{*1}	5.4	10.8	16.2	21.6	27	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 x H x D mm)	505 x 570 x 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				
	EMC	CE, RCM				
	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.