

Lynx Home U Series

5.4-32.4kWh | Low voltage battery

Lynx Home U Series is a low-voltage lithium battery especially designed with superior performance for residential applications. Compatible with GoodWe ES and SBP inverters, the Lynx Home U Series uses the safest battery technology (LFP). It can be used flexibly for self-consumption and backup applications with a wide capacity range scalable from 5.4–32.4kWh. The installation and commissioning are easier and faster than ever with simple Plug and Play wiring and module auto recognition during system setup. The Lynx Home U Series is a highly efficient solution for storing and consuming your solar power.



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 and SBP inverters

Technical Data	LX U5.4-L	2*LX U5.4-L	3*LX U5.4-L	4*LX U5.4-L	5*LX U5.4-L	6*LX U5.4-L
Rated Energy(kWh) ¹	5.4	10.8	16.2	21.6	27.0	32.4
Usable Energy (kWh) ²	4.8	9.6	14.4	19.2	24.0	28.8
Cell Type	LFP (LiFePO4)					
Cell Configuration	16S1P	16S2P	16S3P	16S4P	16S5P	16S6P
Nominal Voltage (V)	51.2					
Rated DC Power (kW)	2.56	5.12	5.12	5.12	5.12	5.12
Operating Voltage Range (V)	48.0 ~ 57.6					
Max. Charging / Discharging Current (A)	50	100	100	100	100	100
Max. Charging / Discharging Power (kW)	2.88	5.76	5.76	5.76	5.76	5.76
Fault current (A)	990	1265	1393	1469	1518	1552
Operating Temperature (°C)	Charge: 0 ~ +50; Discharge: -10 ~ +50					
Relative Humidity	0 ~ 95%					
Max. Operating Altitude (m)	2000					
Communication	CAN					
Weight (kg)	57	114	171	228	285	342
Dimensions (W x H x D mm)	505 x 570 x 175 (LX U5.4-L)					
Ingress Protection Rating	IP65					
Mounting Method	Wall-Mounted / Ground-Mounted					
Warranty	10 Years (Performance Warranty) / 10 Years (Product Warranty)					
Standard and Certification	Safety	IEC62619, IEC62040, 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: Test conditions, 90% DOD, 0.5C charge & discharge at +25 ±2°C.

*: Please visit GoodWe website for the latest certificates.