

GOODWE

Lynx Home U Series Low Voltage Battery

GoodWe's Lynx Home U Series is a low voltage lithium battery especially designed for residential applications with superior performance, safe battery technology (LFP) and optimized user experience. The in-built auto recognition function and the plug & play design allow for easy installation.



Module Auto Recognition



Auto Under-voltage Reboot



Remote Diagnosis & Upgrade



IP65 Protection Level

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	32.4
Usable Energy (kWh) ^{*2}	4.8	9.6	14.4	19.2	24	28.8
Cell Type	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)
Nominal Voltage (V)	51.2	51.2	51.2	51.2	51.2	51.2
Operating Voltage Range (V)	48 ~ 57.6	48 ~ 57.6	48 ~ 57.6	48 ~ 57.6	48 ~ 57.6	48 ~ 57.6
Nominal Dis-/Charge Current (A) ^{*3}	50	100	100	100	100	100
Nominal Power (kW) ^{*3}	2.88	5.76	5.76	5.76	5.76	5.76
Communication	CAN	CAN	CAN	CAN	CAN	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)					
Operating Temperature Range (°C)	Charge: 0 ~ +50 / Discharge: -10 ~ +50					
Relative Humidity	0 ~ 95%	0 ~ 95%	0 ~ 95%	0 ~ 95%	0 ~ 95%	0 ~ 95%
Max. Operating Altitude (m)	2000	2000	2000	2000	2000	2000
Ingress Protection Rating	IP65	IP65	IP65	IP65	IP65	IP65
Mounting Method	Wall Mounted / Grounded					
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.

*3: Nominal Dis-/Charge Current and power derating will occur related to Temperature and SOC.

*: Please visit GoodWe website for the latest certificates.