

# 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)*	5.4 kWh	10.8 kWh	16.2 kWh	21.6 kWh	27 kWh	32.4 kWh
Usable Energy (kWh)*	4.8 kWh	9.6 kWh	14.4 kWh	19.2 kWh	24 kWh	28.8 kWh
Cell Type	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)	LFP (LiFePO4)
Cell Configuration	16S1P	16S2P	16S3P	16S4P	16S5P	16S6P
Rated Voltage (V)	51.2 V	51.2 V	51.2 V	51.2 V	51.2 V	51.2 V
Operating Voltage Range (V)	48~57.6 V	48~57.6 V	48~57.6 V	48~57.6 V	48~57.6 V	48~57.6 V
Max. Continuous Discharge Current (A)*	50A	100A	100A	100A	100A	100A
Max. Discharge Power (kW)*	2.88 kW	5.76 kW	5.76 kW	5.76 kW	5.76 kW	5.76 kW
Communication	CAN	CAN	CAN	CAN	CAN	CAN
Weight (Kg)	57 Kg	114 Kg	171 Kg	228 Kg	285 Kg	342 Kg
Dimensions (W × D × H) (mm)	505 × 175 × 570 mm (LX U5.4-L)					
Operating Temperature (°C)	Charge: 0<T<50°C / Discharge: -10<T<50°C					
Storage temperature (°C)	-20~40°C (≤ One Month) / 0~35°C (≤ One Year)					
Humidity	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%	≤ 95%
Altitude (m)	≤ 2000m	≤ 2000m	≤ 2000m	≤ 2000m	≤ 2000m	≤ 2000m
Protection Degree	IP65 (Outdoor / Indoor)					
Installation Location	Wall-Mounted / Ground-Mounted					
Standard and Certification	Safety	IEC62619, CEC	IEC62619, CEC	IEC62619, CEC	IEC62619, CEC	IEC62619, CEC
	EMC	CE, RCM	CE, RCM	CE, RCM	CE, RCM	CE, RCM
	Transportation	UN38.3	UN38.3	UN38.3	UN38.3	UN38.3

Rated Energy\*: Test conditions, Cell Voltage 2.5~3.65V, 0.5C charge & discharge at +25±3 °C.

Usable Energy\*: Test conditions, 90% DOD, 0.5C charge & discharge at +25±3 °C.

Max. Continuous Discharge Current\*/Power\*: Max. Continuous Charge/Discharge and power derating will occur related to Temperature and SOC.