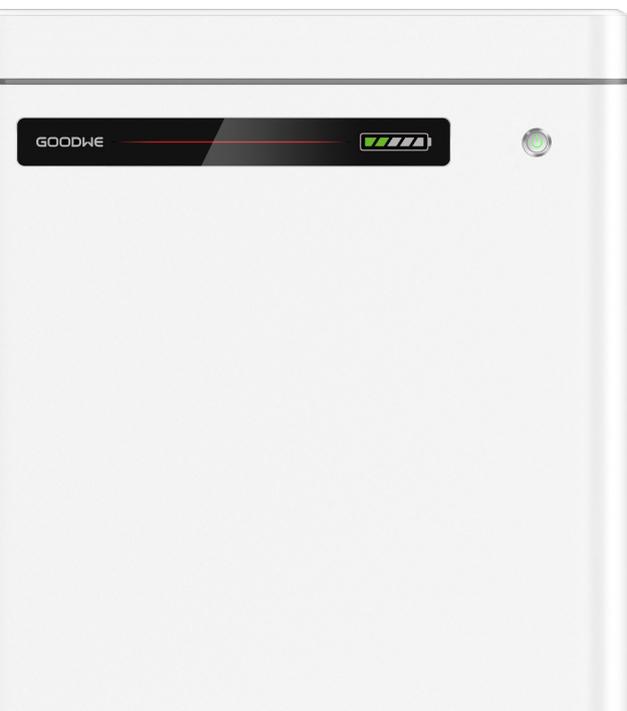


Lynx Home U

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/SBP inverters, Lynx Home U Series comes with GoodWe one-stop-shop solution saving you considerable time and effort.



- ▲ **Smart control**
 - Remote diagnosis and update
 - Auto reboot after undervoltage
- ▲ **Superb safety and reliability**
 - Reliable LFP technology with high cycle stability
 - IP65 protection for outdoor installation safety
- ▲ **Friendly and thoughtful design**
 - Auto-recognition modules
 - Plug and play wiring
- ▲ **Flexible and adaptable applications**
 - 5.4 – 32.4kWh wide capacity range
 - Compatible with GoodWe ES/SBP inverters

Technical data

	MALX U5.4-20	x2	x3	x4	x5	x6
Rated energy*	5.4kWh	10.8kWh	16.2kWh	21.6kWh	27.0kWh	32.4kWh
Usable energy**	5.4kWh	10.8kWh	16.2kWh	21.6kWh	27.0kWh	32.4kWh
Cell type	LFP (LiFePO4)					
Nominal voltage	51.2V					
Operating voltage range	47.5 - 57.6V					
Nominal dis-/charge current***	50A	100A	100A	100A	100A	100A
Nominal power***	2.56kW	5.12kW	5.12kW	5.12kW	5.12kW	5.12kW
Communication	CAN RS485					
Weight	57kg	114kg	171kg	228kg	285kg	342kg
Dimensions (W x H x D)	505 x 570 x 175mm (LX U5.4-20)					
Operating temperature range	Charge: 0°C ~ +50°C / Discharge: -10°C ~ +50°C					
Relative humidity	0 ~ 95%					
Max. operating altitude	2000m					
Ingress protection rating	IP65					
Mounting method	Wall mounted / grounded					

Standards and certification

Safety	IEC62619, IEC62040, IEC63056, CEC
EMC	CE, RCM
Transportation	UN38.3

* Test conditions, cell voltage 2.5 ~ 3.65V, 0.5C charge and discharge at +25 ±2°C for battery system at beginning life. System usable energy may vary with different Inverter.

** Test conditions, 90% DOD, 0.5C charge and discharge at +25 ±2°C.

*** Nominal dis- / charge current and power derating will occur related to temperature and SOC.


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