

## Lynx Home F Series High Voltage Battery

GoodWe high-voltage battery Lynx Home F Series is a perfect match and a highlight of GoodWe one-stop-shop energy storage solution realizing the remote monitoring of the whole energy storage system with a single App. It offers a wide capacity range from 6.6kWh to 16.4kWh, and the expandable parallel connection of up to 8 identical battery sets allows for a maximum capacity of 131kWh. Therefore, it provides comprehensive energy storage options to meet demanding project requirements, from self-consumption optimization to backup usage. The stackable self-detecting modules make the system especially easy to install and maintain. The reliable lithium iron phosphate (LFP) battery cell technology ensures maximum safety and a longer life cycle. Get ready with Lynx Home F Series for the robust power storage for your life.



### One-Stop-Shop solution

- All needed components from one manufacturer
- Perfectly matched with GoodWe inverters
- One single support address



### Safe and Reliable

- Reliable LFP battery cell with high cycle stability
- IP55 for both indoor and outdoor installation safety
- Soft start protecting batteries and inverters from a sudden surge
- 10-year product & performance warranty



### Flexible Applications

- Wide capacity range scalable from 6.6-16.4kWh
- Suitable for 1 and 3 phase, hybrid and retrofit inverters
- Compatible with GoodWe BH/EH/BT/ET inverters
- Expandable nominal voltage up to 512V



### Easy to Install and Maintain

- Stackable self-detecting modules
- Pre-wired communication cables for plug and play
- Automatic reboot after undervoltage
- Remote diagnosis and update via inverter

Technical Data	LX F6.6-H	LX F9.8-H	LX F13.1-H	LX F16.4-H	
Usable Energy (kWh) <sup>*1</sup>	6.55	9.83	13.1	16.38	
Battery Module	LX F3.3-H: 102.4V 3.27kWh				
Number of Modules	2	3	4	5	
Cell Type	LFP (LiFePO4)				
Nominal Voltage (V)	204.8	307.2	409.6	512	
Operating Voltage Range (V)	182.4 ~ 230.4	273.6 ~ 345.6	364.8 ~ 460.8	456 ~ 576	
Nominal Dis- / Charge Current (A) <sup>*2</sup>	25	25	25	25	
Nominal Power (kW) <sup>*2</sup>	5.12	7.68	10.24	12.8	
Operating Temperature Range (°C)	Charge: 0 ~ +50; Discharge: -20 ~ +50				
Relative Humidity	0 ~ 95%	0 ~ 95%	0 ~ 95%	0 ~ 95%	
Max. Operating Altitude (m)	2000	2000	2000	2000	
Communication	CAN	CAN	CAN	CAN	
Weight (kg)	115	158	201	244	
Dimensions (W x H x D mm)	600 x 610 x 380	600 x 765 x 380	600 x 920 x 380	600 x 1075 x 380	
Ingress Protection Rating	IP55	IP55	IP55	IP55	
Mounting Method	Grounded	Grounded	Grounded	Grounded	
Standard and Certification	Safety	IEC62619	IEC62040	VDE2510-50	CEC
	EMC	CE, RCM	CE, RCM	CE, RCM	CE, RCM
	Transportation	UN38.3	UN38.3	UN38.3	UN38.3

\*1: Test conditions, 100% DOD, 0.2C charge & discharge at +25±2°C for battery system at beginning life. System usable energy may vary with different inverters.

\*2: Nominal dis-/charge current and power derating will occur related to temperature and SOC.

\*: Please visit GoodWe website for the latest certificates.