

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 6.6 kWh to 16.4 kWh, and the expandable parallel connection of up to 8 identical battery sets allows for a maximum capacity of 131 kWh. 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 6.6-16.4 kWh
- 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)*	6.55 kWh	9.83 kWh	13.10 kWh	16.38 kWh
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 V	307.2 V	409.6 V	512 V
Operating Voltage Range (V)	182.4~230.4 V	273.6~345.6 V	364.8~460.8 V	456~576 V
Nominal Charging/Discharging Current (A)*	25A			
Nominal Power (kW)*	5.12kW	7.68kW	10.24kW	12.80kW
Communication	CAN			
Weight (Kg)	115Kg	158 Kg	201Kg	244Kg
Dimensions (W × D × H) (mm)	600 × 380 × 625 mm	600 × 380 × 780 mm	600 × 380 × 935 mm	600 × 380 × 1090 mm
Operating Temperature (°C)	Charge: 0<T≤50°C / Discharge: -20<T≤50°C			
Humidity	≤95%			
Altitude (m)	≤2000m			
Protection Degree	IP55 (Outdoor / Indoor)			
Installation Location	Ground-Mounted			
Standard and Certification	Safety	IEC62619, CEC		
	EMC	CE, RCM		
	Transportation	UN38.3		

Usable Energy*: Test conditions, 100% DOD, 0.2C charge & discharge at +25±3 °C for battery system at beginning life. System Usable Energy may vary with different Inverter.
 Nominal Charging/Discharging Current*/Power*: Nominal charging/discharging current and power derating will occur related to Temperature and SOC.

All product specifications are subject to change without notice.