

GOODWE

Lynx Home F Series

6.6-16.4kWh | 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. It is compatible with GoodWe BH/EH/BT/ET inverters and offers a wide capacity range from 6.6kWh to 16.4kWh, providing 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. Meanwhile, 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.



Smart Control

- Remote diagnosis & update
- Auto reboot after undervoltage



Friendly & Thoughtful Design

- Stackable auto-recognition modules
- Plug & Play wiring



Superb Safety & Reliability

- Reliable LFP technology with high cycle stability
- IP55 protection for outdoor installation safety



Flexible & Adaptable Applications

- 6.6-16.5kWh wide capacity range
- Compatible with GoodWe BH/EH/BT/ET inverters

Technical Data	LX F6.6-H	LX F9.8-H	LX F13.1-H	LX F16.4-H
Usable Energy (kWh) ^{*1}	6.55	9.83	13.10	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	512.0
Operating Voltage Range (V)	182.4 ~ 230.4	273.6 ~ 345.6	364.8 ~ 460.8	456.0 ~ 576.0
Nominal Dis- / Charge Current (A) ^{*2}	25			
Nominal Power (kW) ^{*2}	5.12	7.68	10.24	12.80
Operating Temperature Range (°C)	Charge: 0 ~ +50; Discharge: -20 ~ +50			
Relative Humidity	0 ~ 95%			
Max. Operating Altitude (m)	2000			
Communication	CAN			
Weight (kg)	115	158	201	244
Dimensions (W x H x D mm)	600 x 625 x 380	600 x 780 x 380	600 x 935 x 380	600 x 1090 x 380
Ingress Protection Rating	IP55			
Mounting Method	Grounded			
Standard and Certification	Safety	IEC62619, IEC62040, CEC		
	EMC	CE, RCM		
	Transportation	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.