

GOODWE

Lynx Home F Series 6.6-16.4kWh | High voltage battery

The GoodWe Lynx Home F Series high-voltage battery solution is compatible with GoodWe EH and ET inverters. It offers a wide capacity range from 6.6kWh to 16.4kWh, providing comprehensive energy storage options to meet demanding system 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.



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
- Up to 8 towers in parallel (131kWh)

Technical Data	LX F6.6-H	LX F9.8-H	LX F13.1-H	LX F16.4-H
Rated Energy (kWh)	6.55	9.83	13.1	16.38
Usable Energy (kWh) ^{*1}	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)			
Cell Configuration	64S1P	96S1P	128S1P	160S1P
Rated Capacity (Ah)	32			
Nominal Voltage (V)	204.8	307.2	409.6	512
Rated DC Power (kW)	5.12	7.68	10.24	12.8
Operating Voltage Range (V)	182.4 ~ 230.4	273.6 ~ 345.6	364.8 ~ 460.8	456 ~ 576
Max. Charging / Discharging Current (A)	25			
Max. Charging / Discharging Power (kW)	6.1	9.2	12.2	15.3
Fault current (A)	3000	4600	3500	3000
Operating Temperature (°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 610 x 380	600 x 765 x 380	600 x 920 x 380	600 x 1075 x 380
Ingress Protection Rating	IP55			
Mounting Method	Grounded			
Warranty	10 Years (Performance Warranty) / 10 Years (Product Warranty)			
Standard and Certification	Safety	IEC62619, IEC62040, VDE2510-50, CEC, CE		
	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.
 *: Please visit GoodWe website for the latest certificates.