

Lynx Home F Series High Voltage Battery

The GoodWe Lynx Home F Series high voltage battery, 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 optimisation to back-up usage. The stackable self-detecting modules make the system especially easy to install and maintain, while the reliable lithium iron phosphate (LFP) battery cell technology ensures maximum safety and a longer life cycle.



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
Rated Energy (kWh)	6.55	9.83	13.10	16.38
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 (LiFePO ₄)			
Cell Configuration	64S1P	96S1P	128S1P	160S1P
Rated Capacity (Ah)	32			
Nominal Voltage (V)	204.8	307.2	409.6	512.0
Rated DC Power (kW)	5.12	7.68	10.24	12.80
Operating Voltage Range (V)	182.4 ~ 230.4	273.6 ~ 345.6	364.8 ~ 460.8	456.0 ~ 576.0
Max. Charging / Discharging Current (A)* ²	25			
Max. Charging / Discharging Power (kW)* ²	6.1	9.2	12.2	15.3
Fault current (A)	3000	3200	3400	3600
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		
	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.