

GOODWE

Safe and convenient HV battery system for PV power back-up and energy autonomy

- ✓ Maximised power back-up
- ✓ Highest safety standards
- ✓ Smart and efficient operation
- ✓ Modern and compact design

Ideal for smart energy management and back-up optimisation, high-voltage (HV) battery system Lynx Home F is a perfect match for residential solar systems. The stackable, self-detecting battery modules make the system especially easy to install, while the reliable lithium iron phosphate (LFP) battery cell technology ensures maximum safety. Lynx Home F offers a wide capacity range from 6.6 kWh to 16.4 kWh and is compatible with GoodWe BH/EH/BT/ET inverters.



Reliable LFP battery cell



High battery cycle stability



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.