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
- High battery cycle stability

Ideal for smart energy management and back-up optimisation, high-voltage (HV) battery system Lynx Home F PLUS+ 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 PLUS+ offers a wide capacity range from 6.6kWh to 16.4kWh, is compliant to the advanced battery safety standard VDE 2510-50 and is compatible with GoodWe BH/EH/BT/ET inverters.

- Reliable LFP battery cell
- Up to 8 towers in parallel (131kWh)
- Remote diagnosis and update via inverter

Lynx Home F PLUS+ Series

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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 × H × D mm)		600 × 610 × 380	600 × 765 × 380	600 × 920 × 380	600 × 1075 × 380
Ingress Protection Rating		IP55			
Mounting Method		Grounded			
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 Inverter.
*2: Nominal Dis- / Charge Current and power derating will occur related to Temperature and SOC.
*: All product specifications are subject to change without notice.
*: Please visit GoodWe website for the latest certificates.

This datasheet provides information about products offered in the EMEA region.