GOODWE

Lynx Home F Plus+ Series

6.6-16.4kWh I High voltage battery

GoodWe high-voltage battery Lynx Home F Plus+ Series is a perfect match and a highlight of GoodWe one-stop-shop energy storage solution realizing the remote monitoring of the whole energy storage system with a single App. It offers a wide capacity range from 6.6kWh to 16.4kWh, and the expandable parallel connection of up to 8 towers allows for a maximum capacity of 131kWh. Therefore, it provides 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. The reliable lithium iron phosphate (LFP) battery cell technology ensures maximum safety and a longer life cycle. Moreover, Lynx Home F PLUS+ is compatible with GoodWe BH/EH/BT/ET inverters. Get ready with Lynx Home F PLUS+ Series for 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
· Up to 8 towers in parallel (131kWh)

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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	13.1	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
Operating Voltage Range (V)		182.4 ~ 230.4	273.6 ~ 345.6	364.8 ~ 460.8	456 ~ 576
Nominal Dis- / Charge Current (A)*2		25			
Nominal Power (kW)*2		5.12	7.68	10.24	12.8
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			
	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.

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