

# Lynx F G2 Series

## 6.4-28.8kWh | High Voltage Battery

The GoodWe Lynx F G2 Series high-voltage battery is an ideal component and a highlight of the comprehensive GoodWe one-stop-shop energy storage solution. Installation and maintenance of the system are made easy with the stackable self-detecting modules. The Lynx F G2 Series supports 2 to 9 modules per tower, offering 6.4 to 28.8kWh capacity, and up to 8 towers can be connected in parallel for a total of 230kWh. It provides versatile energy storage solutions for self-consumption optimization and backup needs. The reliable lithium iron phosphate (LFP) battery cell technology ensures maximum safety and a longer life cycle. In addition, the Lynx F G2 is compatible with GoodWe BH/EH/BT/ET inverters, further enhancing its versatility and suitability for various energy storage applications.



### Smart Control & Monitoring

- Remote diagnosis & update via inverter
- 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

- Flexible capacity and stackable modules
- Up to 8 towers in parallel (230kWh)

LX F6.4-H-20 LX F9.6-H-20 LX F12.8-H-20 LX F16.0-H-20 LX F19.2-H-20 LX F22.4-H-20 LX F25.6-H-20 LX F28.8-H-20									
Technical Data									
<small>*The module at the top of the tower is the Power Control Unit (PCU).</small>									
Usable Energy (kWh) <sup>1</sup>	6.4	9.6	12.8	16	19.2	22.4	25.6	28.8	
Number of PCU					1				
Number of Modules	2	3	4	5	6	7	8	9	
Battery Module	LX F3.2-20: 64V 3.2kWh								
Cell Type	LFP (LiFePO4)								
Nominal Voltage (V)	128 <sup>3</sup>	192	256	320	384	448	512	576	
Operating Voltage Range (V)	114.8 ~ 144.4	172.2 ~ 216.6	229.6 ~ 288.8	287.0 ~ 361.0	344.4 ~ 433.2	401.8 ~ 505.4	459.2 ~ 577.6	516.6 ~ 649.8	
Nominal Dis- / Charge Current (A) <sup>2</sup>	35								
Nominal Power (kW) <sup>2</sup>	4.48	6.72	8.96	11.20	13.44	15.68	17.92	20.16	
Operating Temperature Range (°C)	Charge: 0 ~ +50; Discharge: -20 ~ +50								
Relative Humidity	0 ~ 95%								
Max. Operating Altitude (m)	3000								
Communication	CAN								
Weight (kg)	86	120	154	188	222	256	290	324	
Dimensions (W x D x H mm)	600 x 380 x 559	600 x 380 x 715	600 x 380 x 871	600 x 380 x 1027	600 x 380 x 1183	600 x 380 x 1339	600 x 380 x 1495	600 x 380 x 1651	
Ingress Protection Rating	IP55 (Outdoor / Indoor)								
Mounting Method	Grounded								
Safety	IEC62619, IEC62040-1, IEC63056, VDE2510, CE, CEC								
Standard and Certification	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.

\*3: The start-up voltage of the LX F6.4-H-20 is insufficient to start the ET (15-30kW) inverters.

\*: Please visit GoodWe website for the latest certificates.

\*: All pictures shown are for reference only. Actual appearance may vary.