

GOODWE

Lynx F G2 Series

9.6-28.8kWh | 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. With a capacity range of 9.6kWh to 28.8kWh and the option to expand through parallel connection of up to 8 towers, the Lynx F G2 Series offers a broad range of energy storage solutions that cater to diverse project requirements, from self-consumption optimization to backup usage.

Installation and maintenance of the system are made easy with the stackable self-detecting modules. 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)

Technical Data	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
Usable Energy (kWh) ¹	9.6	12.8	16	19.2	22.4	25.6	28.8
Battery Module	LX F3.2-20: 64V 3.2kWh						
Number of Modules	3	4	5	6	7	8	9
Cell Type	LFP (LiFePO4)						
Nominal Voltage (V)	192	256	320	384	448	512	576
Operating Voltage Range (V)	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) ²	35						
Nominal Power (kW) ²	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)	120	154	188	222	256	290	324
Dimensions (W x D x H mm)	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						
Standard and Certification	Safety	IEC62619, IEC62040-1, IEC63056, VDE2510, CE, 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 Inverter.

*2: Nominal Dis- / Charge Current and power derating will occur related to Temperature and SOC.

*: Please visit GoodWe website for the latest certificates.

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