

GOODWE

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. With a capacity range of 6.4kWh 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 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 |
|--|--|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| Usable Energy (kWh) ¹ | 6.4 | 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 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Cell Type | LFP (LiFePO4) | | | | | | | |
| Nominal Voltage (V) | 128 | 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) ² | 35 | | | | | | | |
| Nominal Power (kW) ² | 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 × D × H mm) | 600 × 380 × 559 | 600 × 380 × 715 | 600 × 380 × 871 | 600 × 380 × 1027 | 600 × 380 × 1183 | 600 × 380 × 1339 | 600 × 380 × 1495 | 600 × 380 × 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.

*: Please visit GoodWe website for the latest certificates.

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