GOODWE

Lynx F G2 Series 9.6-28.8kWh I High Voltage Battery

The GoodWe Lynx Home F G2 Series high-voltage battery provides the ideal modular energy storage solution, when combined with the compatible GoodWe EH and ET series inverters . 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 Home F G2 Series provides a battery solution for systems of all sizes, from residential homes to commercial properties.

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.



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 / indoor installation safety

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Flexible & Adaptable Applications

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

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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
Usable Energy (kWh) ^{*1}	9.6	12.8	16.0	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
Nominal Dis- / Charge Current (A)	*2			35			
Nominal Power (kW) ^{*2}	6.72	8.96	11.2	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 \times D \times H mm)	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			
Mounting Method				Grounded			
Safety	IEC62619, IEC62040-1, IEC63056, VDE2510, CE, CEC						
Standard and EMC Certification				CE, RCM			
Transportatio	n			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.