

SOLAR POWER SYSTEMS



GOODWE LYNX F G2 SERIES

9.6KWH-230KWH | HIGH VOLTAGE BATTERY



The GoodWe Lynx Home F G2 Series high voltage battery is compatible with GoodWe EH, ET and GEH inverters. The F G2 series battery offers a wide capacity range from 9.6kWh to 28.8kWh per battery tower and up to 230 kWh energy storage (8 towers) when linked together. The large expandable battery storage provides for a range of applications from large single and three phase homes through to commercial building.

The stackable self-detecting modules make the system especially easy to install and maintain, while the reliable lithium iron phosphate (LFP) battery cell technology ensures maximum safety and a longer life cycle.

How you benefit:



HIGH EFFICIENCY

Ease of installation and maintenance



FLEXIBLE DESIGN

Stackable self-detecting modules



SAFE OPERATION

Reliable LFP technology with high cycle stability.



INNOVATIVE

IP55 for both indoor and outdoor installation safety.



SOLAHART WARRANTY

Enjoy a 10-year warranty, for peace of mind⁽³⁾.

TECHNICAL DATA



The F G2 series battery offers a wide capacity range from 9.6kWh to 28.8kWh per battery tower and up to 230 kWh energy storage (8 towers) when linked together. The below table is representative of the option for one battery tower.

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	16.0	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 - 649.8
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 × D × 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						
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.

*3: Refer Solahart Warranty for details of the product warranty and Solahart Owner's Guide & Installation Instructions for installation details.

Specifications and designs included in this data sheet are subject to change without notice.

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