



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-2	
Usable Energy (kWh)*1	6.4	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	2	3	4	5	6	7	8	9	
Cell Type	LFP (LiFePO4)								
Cell Configuration	(20S) 2S1P	(20S) 3S1P	(20S) 4S1P	(20S) 5S1P	(20S) 6S1P	(20S) 7S1P	(20S) 8S1P	(20S) 9S1P	
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 ~3 61.0	344.4 ~ 433.2	401.8 ~ 505.4	459.2 ~ 577.6	516.6 ~ 649.8	
Nominal Dis-/ Charge Current (A)*2	35								
Max. Continuous Dis-/ Charge Current (A)	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) ^{*4}	-20 ~ +50								
Relative Humidity	0 ~ 95%								
Max. Operating Altitude (r	titude (m) 3000								
Communication	CAN								
Weight (kg)	86	120	154	188	222	256	290	324	
Dimensions (Wx Hx D mn	600 × 559 × 380	600 × 715 × 380	600 × 871 × 380	600 × 1027 × 380	600 × 1183 × 380	600 × 1339 × 380	600 × 1495 × 380	600 × 1651 × 380	
Ingress Protection Rating	Protection Rating IP55								
Storage Temperature (°C)	°C) -20 ~ +45 (≤One Month); 0 ~ +35 (≤One Year)								
Mounting Method	ounting Method Grounded								
Round-trip Efficiency				94	1%				
Cycle Life ^{*3}	>4000								
Safety		IEC62619, IEC62040-1, IEC63056, VDE2510, CE							
Standard and EMC Certification		CE, RCM							
Transport ation		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: Based on 2.87~3.61V voltage rang @25 ±2°C of Cell under 0.7C test condition and 80% EOL.

*4: Charge: 0 ~ +50; Discharge: -20 ~ +50.

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

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