

GOODWE

Lynx Home FH-US Series

9.6-19.2kWh | High voltage battery

The GoodWe high-voltage battery Lynx Home FH-US Series is a perfect match for residential energy storage systems in North America. It is compatible with GoodWe ES-US/SBP-US/A-ES/A-BP inverters and offers a wide capacity range from 9.6kWh to 19.2kWh per cluster, providing comprehensive energy storage options to meet demanding project requirements from self-consumption optimization to backup power. The stackable self-detecting modules make the system especially simple to install and maintain. Meanwhile, the reliable lithium iron phosphate (LFP) cell technology ensures maximum safety and a longer life cycle.



Smart Control

- Remote diagnosis & update
- Auto reboot after undervoltage



Fully Integrated 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

- Up to 8 towers in parallel
- Compatible with GoodWe ES-US/SBP-US/A-ES/A-BP inverters

Lynx Home FH-US Series (HV)



Technical Data	LX F9.6-30	LX F12.8-30	LX F16.0-30	LX F19.2-30
Usable Energy (kWh) ¹	9.6	12.8	16.0	19.2
Battery Module	LX F3.2-30: 64V 3.2kWh			
Number of Modules	3	4	5	6
Cell Type	LFP (LiFeO4)			
Nominal Voltage (V)	192	256	320	384
Operating Voltage Range (V)	171 ~ 216	228 ~ 288	285 ~ 360	342 ~ 432
Nominal Dis- / Charge Current (A) ²	35			
Nominal Power (kW) ²	6.72	8.96	11.20	13.44
Operating Temperature Range (°F)	Charge: +32°F ~ +122°F (0°C ~ +50°C); Discharge: +5°F ~ +122°F (-15°C ~ +50°C)			
Relative Humidity	≤95%			
Max. Operating Altitude (Ft)	≤9842ft (3000m)			
Communication	CAN			
Battery Module Weight	83.8 ± 4.4 lb 38 ± 2kg			
PCU Weight	37.5 ± 2.2 lb 17 ± 1kg			
System Weight	300.9lb (136.5kg)	384.7lb (174.5kg)	468.5lb (212.5kg)	552.3lb (250.5kg)
Dimensions (W × H × D in)	23.6 × 29.5 × 15 in (599.4 × 749.3 × 381 mm)	23.6 × 35.6 × 15 in (599.4 × 904.2 × 381 mm)	23.6 × 41.7 × 15 in (599.4 × 1059.2 × 381 mm)	23.6 × 47.8 × 15 in (599.4 × 1214.1 × 381 mm)
Ingress Protection Rating	IP55			
Mounting Method	Ground-Mounted			
Standard and Certification	Safety	UL1973, UL9540A-2019		
	EMC	FCC part 15		
	Transportation	UN38.3		

*1: Test conditions, 100% DOD, 0.2C charge & discharge at 77±2°F 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.