GOODWE

Lynx Home S Series

(North America Excluded) High Voltage Battery

GoodWe's Lynx Home S Series is a high voltage battery that offers multiple energy storage options through an expandable modular design (3-8 modules combined), which further simplifies installation and O&M with multiple smart functions. The safest battery cell technology (LFP) comes with a high charging rate, ensuring superior performance and supplying robust power for your life.

- Charge Your Battery within ONE HOUR
- Remote Diagnosis & Upgrade
- Auto Under-voltage Reboot
- IP65 Protection Level

Lynx Home S Series

GOODWE

Technical Data	LX S7.5-H	LX S10-H	LX S13-H	LX S15-H	LX S18-H	LX S20-H
Rated Energy*	7.68kWh	10.24kWh	12.80kWh	15.36kWh	17.92kWh	20.48kWh
Usable Energy*	6.91kWh	9.22kWh	11.52kWh	13.83kWh	16.13kWh	18.43kWh
Battery Module	LX S2.5-H: 51.2V 50Ah 2.56kWh 37kg					
Number of Modules	3	4	5	6	7	8
Cell Type	LFP (LiFePO4)					
Cell Configuration	48S1P	64S1P	80S1P	96S1P	112S1P	128S1P
Rated Voltage	153.6V	204.8V	256.0V	307.2V	358.4V	409.6V
Operating Voltage	144.0 ~ 172.8V	192.0 ~ 230.4V	240.0 ~ 288.0V	288.0 ~ 345.6V	336.0 ~ 403.2V	384.0 ~ 460.8V
Weight	126Kg	163Kg	200Kg	237Kg	274Kg	311Kg
Dimensions (W × D × H)	610 x 226 x 1170 mm	610 x 226 x 1445 mm	1220 x 226 x 1445 mm	1220 x 226 x 1445 mm	1220 x 226 x 1445 mm	1220 x 226 x 1445 mm
Depth of Discharge (DOD)	90%	90%	90%	90%	90%	90%
Max Charge/Discharge Current*	50A (1C)	50A (1C)	50A (1C)	50A (1C)	50A (1C)	50A (1C)
Rated Power*	7.68kW	10.24kW	12.80kW	15.36kW	17.92kW	20.48kW
Communication	CAN	CAN	CAN	CAN	CAN	CAN
Operating Temperature	Charge: 0 ~ 50°C / Discharge: -20 ~ 50°C					
Humidity	≤90%	≤90%	≤90%	≤90%	≤90%	≤90%
Operating Altitude	≤2000m	≤2000m	≤2000m	≤2000m	≤2000m	≤2000m
Protection Degree	IP65 (Outdoor / Indoor)					
Installation Location	Ground-Mounted					
Certification	CE, UN38.3	CE, UN38.3	CE, UN38.3	CE, UN38.3	CE, UN38.3	CE, UN38.3
Warranty	10 Years (Performance Warranty)					

Rated Energy*: Test conditions, 100% DOD, 0.5C charge & discharge at +25±3°C.
Usable Energy*: Test conditions, 90% DOD, 0.5C charge & discharge at +25±3°C.
Max Charge/Discharge Current*/Rated Power*: Max Charge/Discharge and power derating will occur related to Tempertature and SOC.