

Lynx Home S Series

High Voltage Battery



Technical Data	LX S7.5-H	LX S10-H	LX S13-H	LX S15-H	LX S18-H	LX S20-H
Rated Energy*	7.68 kWh	10.24 kWh	12.80 kWh	15.36 kWh	17.92 kWh	20.48 kWh
Usable Energy*	6.91 kWh	9.22 kWh	11.52 kWh	13.83 kWh	16.13 kWh	18.43 kWh
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	153.6 V	204.8 V	256 V	307.2 V	358.4 V	409.6 V
Operating Voltage	144~168 V	192~224 V	240~280 V	288~336 V	336~392 V	384~448 V
Weight	126 kg	163 kg	200 kg	237 kg	274 kg	311 kg
Dimensions (W*D*H)	610*226*1170 mm	610*226*1445 mm	1220*226*1170 mm	1220*226*1170 mm	1220*226*1445 mm	1220*226*1445 mm
Depth of Discharge (DOD)	90%					
Max Charge/Discharge Current*	50A (1C)					
Rated Power*	7.68 kW	10.24 kW	12.80 kW	15.36 kW	17.92 kW	20.48 kW
Communication	CAN					
Operating Temperature	Charge: 0~50°C/Discharge: -20~50°C					
Humidity	≤90%					
Operating Altitude	≤2000m					
Protection Degree	IP65 (Outdoor/Indoor)					
Installation Location	Wall-Mounted/Ground-Mounted					
Certification	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 Temperature and SOC.