

Residential energy storage

SX-H-LV51-RK100

Featured configuration • SX-H-LV51-RK100

Battery Energy

5.12 kwh

Max Discharge Power

5120 W

Nominal Voltage

51.2 Vdc

Nominal Capacity

100 Ah

IP Rating

IP20

Cycle life

6000 Cycles @ 90% DOD/25°C/0.5C

Technical specifications

Parameter	SX-H-LV51-RK100
Battery	
Nominal Voltage	51.2 Vdc
Nominal Capacity	100 Ah
Battery Energy	5.12 kwh
Working Voltage	45.6~56.16 Vdc
Max Charge Power	2560 W
Max Discharge Power	5120 W
Weight (Kg)	47.3 kg
Dimensions (W × D × H) (mm)	440x500x132 mm
Max Charge Current	50 A
Max Discharge Current	100 A
Short Circuit Current	350 A
Display	SOC statusindicator, LED indicator
Communication	RS232、RS485、CAN
Installation	Rack mounted or wall mounted
Working Temperature	Charge : 0~45°C / Discharge : -20~55°C
Storage Temperature	⩽25°C,12 months; ⩽35°C,6 months; ⩽45°C,3 months
Operating/Storage Humidity	⩽95%RH
Max Operating Altitude	⩽2000m
IP Rating	IP20
Cell Technology	LiFePO4, Lithium lron Phosphate
Cycle life	6000 Cycles @ 90% DOD/25°C/0.5C
Warranty	10 years
Scalability	Max 15 batteries in parallel

Notes

UN38.3 and MSDS are not evidence of EU whole-system market access.

Target markets: Europe, Africa, Latin America excluding Brazil, Southeast Asia.

FOB China, or from European stock by volume for European orders.