

Residential energy storage

SX-H-LV51-FS392

Featured configuration • SX-H-LV51-FS392

Battery Energy

20 kWh

Discharge Power

15360 W

Nominal Voltage

51.2 Vdc

Nominal Capacity

392 Ah

IP Rating

IP65

Cycle life

8000 Cycles @ 90% DOD/25°C/0.5C

Technical specifications

Parameter	SX-H-LV51-FS392
Battery	
Nominal Voltage	51.2 Vdc
Nominal Capacity	392 Ah
Battery Energy	20 kWh
Charge Current	196 A
Charge Power	10035.2 W
Discharge Current	300 A
Discharge Power	15360 W
Short Circuit Current	≈900 A
Working Voltage	45.6~56.16 Vdc
Display	LCD Display
Communication	CAN, RS485,RS232
Dimensions (W × D × H) (mm)	500x270x920 mm
Weight (Kg)	155 kg
Installation	Floor Stand
Working Temperature	Charge : 0~45°C / Discharge : -20~55°C
Operating/Storage Humidity	≤95%RH
Max Operating Altitude	≤2000m
IP Rating	IP65
Cell Technology	LiFePO4, Lithium lron Phosphate
Cycle life	8000 Cycles @ 90% DOD/25°C/0.5C
Scalability	Max 63 batteries in parallel
Warranty	10 years
Certificates	CE, UN38.3

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.