

Non-EU product range

SX-H-LV25

Featured configuration • SX-H-LV25-W100

Battery Energy

25.6V,100Ah,2.56 kWh

Discharge Power

2560 W

Nominal Voltage

25.6 Vdc

Nominal Capacity

100 Ah

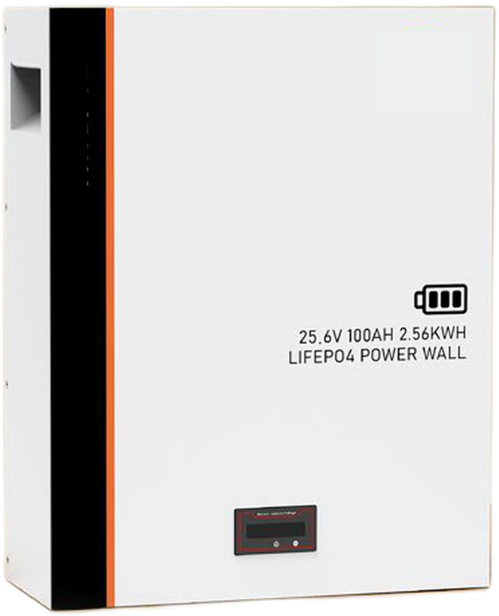
IP Rating

IP20

Cycle life

6000 Cycles @ 80% DOD/25°C/0.5C

Technical specifications



SX-H-LV25-W100



SX-H-LV25-W200 / SX-H-LV25-W314

Parameter	SX-H-LV25-W100	SX-H-LV25-W200	SX-H-LV25-W314
Battery			
Nominal Voltage	25.6 Vdc	25.6 Vdc	25.6 Vdc
Nominal Capacity	100 Ah	200 Ah	314 Ah
Battery Energy	25.6V,100Ah,2.56 kWh	5120 Wh	8038.4 Wh
Charge Current	50 A	100 A	150 A
Charge Power	1280 W	—	—
Discharge Current	100 A	160 A	200 A
Discharge Power	2560 W	—	—
Short Circuit Current	≈350 A	—	—
Dimensions (W × D × H) (mm)	330x135x420 mm	430x230x580 mm	430x230x580 mm
Weight (Kg)	26 kg	50 kg	62.5 kg
Installation	Wall Mount	Wall Mount	Wall Mount
Display	LCD Display	Button Screen	Button Screen
Working Temperature	Charge:0~45°C / Discharge: -20°C~55°C	Charge:0~45°C / Discharge: -20°C~55°C	Charge:0~45°C / Discharge: -20°C~55°C
Operating/Storage Humidity	⩽ 95%RH	⩽ 95%RH	⩽ 95%RH
Max Operating Altitude	⩽2000m	⩽2000m	⩽2000m
IP Rating	IP20	IP20	IP20

Technical specifications

Parameter	SX-H-LV25-W100	SX-H-LV25-W200	SX-H-LV25-W314
Cell Technology	LiFePO4, Lithium lron Phosphate	LiFePO4, Lithium lron Phosphate	LiFePO4, Lithium lron Phosphate
Cycle life	6000 Cycles @ 80% DOD/25°C/0.5C	6000 Cycles @ 80% DOD/25°C/0.5C	6000 Cycles @ 80% DOD/25°C/0.5C
Scalability	Max 2 batteries in series Max 4 batteries in parallel	Max 63 batteries in parallel	Max 63 batteries in parallel
Warranty	10 years	10 years	10 years
Certificates	CE, UN38.3	CE, UN38.3	CE, UN38.3
Discharge Voltage Range	—	22.8 V~28.4 V	22.8 V~28.4 V
Communication	—	CAN,RS485,RS232	CAN,RS485,RS232
Display	—	LCD Display	LCD Display

Notes

NOT FOR THE EU. Africa, Latin America excluding Brazil, and Southeast Asia only.

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

FOB China.