

Residential energy storage

SX-HB16

Featured configuration • SX-HB16 | Heated

Battery Energy

16.07 kWh

Discharge Power

10240 W

Nominal Voltage

51.2 Vdc

Nominal Capacity

314 Ah

IP Rating

IP65

Cycle life

8000 Cycles @ 90% DOD/25°C/0.5C

Technical specifications

Parameter	SX-HB16	Heated	SX-HB16	Unheated
Battery				
Nominal Voltage	51.2 Vdc		51.2 Vdc	
Nominal Capacity	314 Ah		314 Ah	
Battery Energy	16.07 kWh		16.07 kWh	
Working Voltage	45.6~56.16V		45.6~56.16V	
Charge Current	150 A		150 A	
Charge Power	7680 W		7680 W	
Discharge Current	200 A		200 A	
Discharge Power	10240 W		10240 W	
Short Circuit Current	540 A		540 A	
Display	SOC status indicator, LCD Display		SOC status indicator, LCD Display	
Communication	RS232、RS485、CAN		RS232、RS485、CAN	
Product Features	Automatic sensing fire extinguishing device/Bluetooth/WiFi		Automatic sensing fire extinguishing device/Bluetooth/WiFi	
Dimensions (W × D × H) (mm)	480x235x874 mm		480x235x874 mm	
Weight (Kg)	120 kg		120 kg	
Installation	Floor stand		Floor stand	
Working Temperature	Charge : 0~45°C / Discharge : -20~55°C		Charge : 0~45°C / Discharge : -20~55°C	
Operating/Storage Humidity	⩽95%RH		⩽95%RH	
Max Operating Altitude	⩽2000m		⩽2000m	
IP Rating	IP65		IP65	
Cell Technology	LiFePO4, Lithium lron Phosphate		LiFePO4, Lithium lron Phosphate	
Cycle life	8000 Cycles @ 90% DOD/25°C/0.5C		8000 Cycles @ 90% DOD/25°C/0.5C	
Scalability	Max 63 batteries in parallel		Max 63 batteries in parallel	
Warranty	10 years		10 years	

Notes

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

Heated and unheated variants share the same specifications and image.

UKCA marked for Great Britain; the UKCA declaration of conformity is issued by our manufacturing partner and comes with the quotation.

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

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