

SL5.12-25.6HB NEW

High Voltage Battery System



SL-HB series is a high voltage battery that offers multiple energy storage options through an expandable modular design (2-10 modules combined), which further simplifies installation and O&M with multiple smart functions. The safest battery cell technology (LFP) comes with a high charging rate, ensuring superior performance.



Product Feature

- Original battery active balance technology;
- Flexible capacity options, 5.12kWh to 25.6kWh;
- Easy installation with modular and stacked design;
- Remote diagnosis and real-time data monitoring;

Model	SL5.12HB	SL7.68HB	SL10.24HB	SL12.8HB	SL15.36HB	SL17.92HB	SL20.48HB	SL23.04HB	SL25.6HB
System									
Battery System Energy	5.12 kWh	7.68 kWh	10.24 kWh	12.8 kWh	15.36 kWh	17.92 kWh	20.48 kWh	23.04 kWh	25.6 kWh
Rated Battery Voltage	102.4 V	153.6 V	204.8 V	256 V	307.2 V	358.4 V	409.6 V	460.8 V	512 V
Rated capacity	50 Ah								
Max Charging /Discharging Current	50 A								
Cycle times	≥ 8000 times *								
System Dimensions (W×H×D)	710 × 502 × 320 mm	710 × 639 × 320 mm	710 × 776 × 320 mm	710 × 913 × 320 mm	710 × 1050 × 320 mm	710 × 1187 × 320 mm	710 × 1324 × 320 mm	710 × 1461 × 320 mm	710 × 1598 × 320 mm
System Net Weight	85.2 kg	118 kg	150.8 kg	183.6 kg	216.4 kg	249.2 kg	282 kg	314.8 kg	347.6 kg
Communication	RS485/CAN								
Module									
Battery Module Energy	2.56 kWh								
Rated Battery Module Voltage	51.2 V								
Battery Module Dimensions (W×H×D)	710 × 137 × 320 mm								
Battery Module Net Weight	32 kg								
Environment									
Operating Temperature	-10°C~55°C (Charge) / -20°C~55°C (Discharge)								
Storage Temperature	-30°C~60°C								
Operating Humidity	5%-95%RH, non-condensing								
Operating Altitude	≤4000 m								
Cooling	Natural convection								
Installation	Wall-mounted or Floor-mounted								
Ingress Protection Rating	IP54								
Warranty	10 years								
Certification									
Standards	IEC 62619, IEC 63056 , MSDS, IEC 62477, IEC 61000-6-1, IEC 61000-6-3, UN 38.3								

*25°C, 0.5C, 80% DOD