

# SL7.36-36.8HB

## 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.



**Original battery**  
active balance technology



**Flexible capacity options**  
7.68kWh to 36.8kWh



**Easy installation with**  
modular and stacked design



**Remote diagnosis**  
real-time data monitoring

Model	SL7.36HB	SL11.04HB	SL14.72HB	SL18.40HB	SL22.08HB	SL25.76HB	SL29.44HB	SL33.12HB	SL36.80HB
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### System

Battery System Energy	7.36 kWh	11.04 kWh	14.72 kWh	18.40 kWh	22.08 kWh	25.76 kWh	29.44 kWh	33.12 kWh	36.80 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	72 Ah								
Rated Circuit	36A								
Max Charging /Discharging Current	50A								
Cycle times	≥5500 time *								
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	93.84 kg	130.96 kg	160.08 kg	204.66 kg	246.64 kg	275.12 kg	316.56 kg	353.68 kg	390.8 kg
Communication	RS485/CAN								

### Module

Battery Module Energy	3.68 kWh								
Rated Battery Module Voltage	51.2 V								
Battery Module Dimensions (W×H×D)	710 × 137 × 320 mm								
Battery Module Net Weight	36.32 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 62040-1, IEC 61000-6-1, IEC 61000-6-3, UN 38.3								
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\*25°C, 0.5C, 80% DOD

