



# High Voltage Battery

## IP66 Stacked 5.12kWh

App real-time monitoring, supports online remote OTA upgrades, easy operation and maintenance

Stacking design for easy installation

High voltage batteries are equipped with built-in high efficiency DC-DC modules, making battery expansion more reliable

### Battery Specification

Battery Model		EHBS-P5-TH
System component		
Battery type	LiFePO4	
Module capacity	5.12kWh	
System capacity	5~20kWh, expandable	
Module number of battery cluster	1~4	
Maximum cluster number extended for battery system	3	
Rated voltage	750Vdc	
Voltage range	600~1000Vdc	
Max. charge/discharge current	3.4A/5.5A	
Communication interfaces	CAN/RS485	
Dimensions(WxHxD)(mm)	650x350x270	
Net weight	55kg	
Topology	High frequency isolation	
IP rating	IP66	
Operating temperature	-25°C~+55°C	
Cooling mode	Natural cooling	
Heating mode	PTC heating	

Altitude	3000m
Noise level at 1 m	< 40dB
Installation method	Floor-mounted

Standards	
Safety regulation	IEC/EN 62619 2022, ISO 13849, IEC/EN 62040-1, IEC/EN 62477, IEC62109-1/2
EMC	IEC 61000-6-1, EN/IEC 61000-6-3
Transportation	UN 38.3

### Battery Distribution Box Specification

MODEL		PDU-SH
Parameter		
Maximum current	50A	
Voltage range	300~1000Vdc	
Display method	LED	
Dimensions(WxHxD)(mm)	650x150x270	
Net weight(kg)	11	
IP rating	IP66	
Others		
Fixed base dimensions(WxHxD)(mm)	650x80x270	