

750V High Voltage Battery Cabinet

IP 66 Stacked 5.12kWh

Battery Specification

Item	EHBS-P5-TH
General	
Battery Type	LiFePO4
Module Capacity	5.12kWh
System Capacity Range	5-30kWh, Expandable
Battery Cluster Number	4
Max. Cluster Number	3
Rated Voltage	750VDC
Voltage Range	600-1000VDC
Max. Charge/Discharge Current	3.4A/5.5A
Communication	RS485/CAN
Dimensions(WxHxD)(mm)	650 x 370 x 270
Net Weight Per Module	55kg
IP	IP 66
Operating Temperature	20°C - 55°C
Cooling Mode	Natural cooling
Heating Mode	PTC heating
Altitude	3000m
Noise Level	< 40dB
Installation	Floor-mounted
Standards	
Safety Regulation	IEC 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 Unit Specification

Item	PDU-GU-Y/F
Parameter	
Max. Current	50A
Voltage Range	300-1000VDC
Indication	LED
Dimensions(WxHxD)(mm)	650 x 150 x 270
Net Weight	11kg
IP	IP66
Fixed Base Dimensions(WxHxD)(mm)	650 x 100 x 270