

48V Low Voltage Battery Cabinet

IP66 Stacked 5.12kWh

Lithium-ion Battery Module

Item	EHBS-P30-SL
General	
Battery Type	LiFePO4
Module Capacity	5.12kWh
System Capacity	5-30kWh, Expandable
Battery Cluster Number	6
Max. Cluster Number	2
Rated Voltage	48VDC
Voltage Range	41.6-57.6VDC
Max. Charge/Discharge Current	50A/75A
Communication	RS485/CAN
Dimensions(WxHxD)(mm)	600 x 230 x 380
Net Weight Per Module	52kg
IP	IP66
Operating Temperature	-25°C - 60°C
Cooling Mode	Natural cooling
Heating Mode	PTC heating
Altitude	3000m
Noise Level	< 20dB
Installation Method	Floor-mounted
Standards	
Safety Regulation	IEC 61000-1/3; IEC 62619: 2022; IEC 60730-1
EMC	IEC 61000-6-1, EN/IEC 61000-6-3
Transportation	UN 38.3

Battery Distribution Unit Specification

Item	PDU-SL
Parameter	
Max. Current	250A
Voltage Range	41.6 - 57.6VDC
Display Method	LED
Dimensions(WxHxD)(mm)	600 x 240 x 380
Net Weight (kg)	11kg
IP	IP66
Fixed Base Dimensions(WxHxD)(mm)	650 x 50 x 380