LEGEND 112C

HiTHIUM HeroEE

LEGEND 112C

C&I Battery

112.5kWh

LEGEND 112C is suitable for C&I applications, helping to enhance power supply stability, reduce electricity costs, and improve power quality.

Safety

The cabinet is built to withstand harsh environments, with integrated temperature and smoke monitoring, along with aerosol fire suppression.

Reliability

The battery cells are supplied by HiTHIUM, TOP 2 in global energy storage battery shipments, with a cumulative shipment of 100 GWh.

Ultra-Long Life

Battery cycle life up to 11,000 times.

Smart Configuration

Output voltage levels and control strategies can be customized based on specific requirements.

Flexible Installation

Modular DC/AC split design allows for flexible parallel system expansion.

High-Efficiency Energy Management

Intelligent thermal management algorithm effectively improves system conversion efficiency.

HeroEE LEGEND 112C Technical Specifications

Performance		
Battery Type	LFP ($LiFePO_4$)	
Battery Energy	112.5kWh	
Rated Voltage	358.4V	
Operating Voltage (Charge/Discharge)	302.4~408.8V	
Standard Charge/Discharge Current	157A	
Battery Cycles	11,000 cycles@(25°C, 100%DOD, 0.5P, @70%SOH)	
Depth of Discharge (DoD)	90%	
Communication	RS485, CAN, Ethernet	
Fire Protection System	Aerosol	
Operating Conditions		
Operating Temperature	Charge Temperature	0°C to 55°C
	Discharge Temperature	-20°C to 55°C
	Storage Temperature	-20°C to 60°C
Humidity	0~95% (no condensation)	
Cooling Strategy	Air-Cooling	
General		
Dimensions (W*D*H)	900*1000*2280mm	
Weight	1400kg	
Certifications	Ingress Rating	IP55
	Cell	UL9540A, UL1973, IEC62619, UN38.3
	Battery System	UN38.3

*The above is for reference only, the specification sheet shall prevail.

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website