

Floor-Mounted Battery

HJ-HBL48280F/HJ-HBL48314F/HJ-HBL48304F

Product Introduction

The floor-standing lithium-ion battery system uses high-safety lithium iron phosphate (LiFePO₄) battery cells, featuring easy installation, a compact and stylish design that seamlessly integrates into various residential and commercial environments, and compatibility with mainstream hybrid inverters, providing optimal solutions for diverse energy storage applications.



Long lifespan & high safety



Intelligent BMS Management System



Convenient Installation & User-Friendly Design



Wide Compatibility



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Technical Specification

Parameter

Product model	HJ-HBL48280F (B-48)	HJ-HBL48314F (B-49)	HJ-HBL48304F (B-50)
Rated Voltage	51.2V		
Rated Capacity	280Ah	314Ah	400Ah
Rated Energy	14.366KWh	16.08KWh	20KWh
Output Voltage Range	42-58V		
Charging Voltage	58V		
Cut-off Voltage	42V		
Maximum Charging Current	200A		
Recommended Charging Current	200A		
Maximum Discharge Current	200A		
Efficiency	96%		
Dimensions (Height x Width x Depth, mm)	420*240*840	420*240*840	510*293*970
Net Weight (kg)	119kg	119kg	162kg
Humidity	5%~95% Relative Humidity		
Charging Temperature	-20℃~65℃		
Discharging Temperature	-20℃~60℃		
Storage Temperature	-10℃~50℃		
Cycle Life	>4000 cycles (0.2C, 25℃, 80% Depth of Discharge)		
Communication Method	RS485/CAN		
Operation Mode	Button-operated		

Application Scenarios

Provides ideal energy storage solutions for a variety of scenarios, including residential, commercial, and industrial applications.