

Floor-Mounted Battery

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.



HJ-HBL48314F/HJ-HBL48304F Technical Specification

Parameter

Product model	HJ-HBL48314F (B-49)	HJ-HBL48304F(B-50)
Rated Voltage	51.2V	51.2V
Rated Capacity	314Ah	400Ah
Rated Energy	16.08KWh	20KWh
Output Voltage Range	42-58V	42-58V
Charging Voltage	58V	58V
Cut-off Voltage	42V	42V
Maximum Charging Current	200A	200A
Recommended Charging Current	200A	200A
Maximum Discharge Current	200A	200A
Efficiency	96%	96%
Dimensions (Height x Width x Depth, mm)	420*240*840	510*293*970
Net Weight (kg)	119kg	162kg
Humidity	5%~95% Relative Humidity	
Charging Temperature	-20°C~65°C	
Discharging Temperature	-20°C~60°C	
Storage Temperature	-10°C~50°C	
Cycle Life	>8000 cycles (0.2C, 25°C, 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.



Long lifespan & high safety



Intelligent BMS Management System



Convenient Installation & User-Friendly Design



Wide Compatibility