Floor-Mounted Battery

HJ-HBL48314F

Product Introduction

The HJ-HBL48314F floor-standing lithium-ion battery system uses high-safety lithium iron phosphate ($LiFePO_4$) 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

HUIJUE GROUP

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Technical Specification

Parameter

Product model	HJ-HBL48314F(B-25)
Rated Voltage	51.2V
Rated Capacity	314AH
Rated Energy	16.08KWh
Output Voltage Range	46-56Vdc
Charging Voltage	56VDC
Cut-off Voltage	56VDC
Maximum Charging Current	150A
Recommended Charging Current	150A
Maximum Discharge Current	150A
Efficiency	98%
Dimensions (Height x Width x Depth, mm)	450*859.2*240
Net Weight (kg)	135kg
Humidity	5% to 95% relative humidity
Charging Temperature	-20˚C to 60˚C @ 60+/-25% Relative Humidity
Discharging Temperature	-20˚C to 60˚C @ 60+/-25% Relative Humidity
Storage Temperature	0˚C to 45˚C @ 60+/-25% Relative Humidity
Cycle Life	>8000 times (0.2C, 25˚C, 80% depth of discharge)
Design life	10Yr
Communication method	RS485/CAN
Operating mode	Push button

Application Scenarios

This lithium battery provides an ideal energy storage solution for a variety of scenarios, including residential, commercial, and industrial applications, ensuring stable operation of equipment and efficient use of energy.