

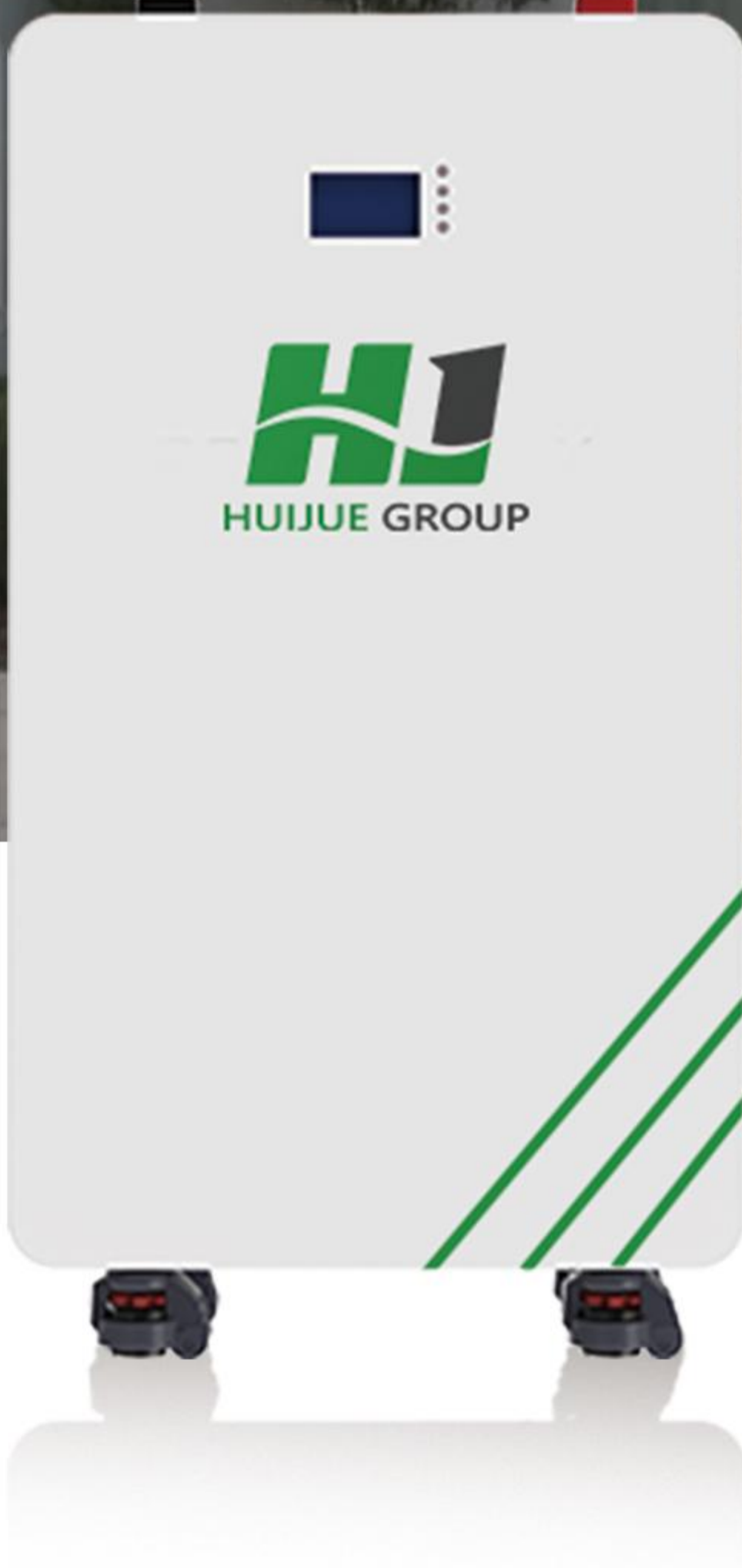


# Floor-Mounted Battery

HJ-HBL48314F

## Product Introduction

The HJ-HBL48314F floor-standing lithium-ion battery system uses high-safety lithium iron phosphate (LiFePO<sub>4</sub>) 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.



## 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℃ to 60℃ @ 60+/-25% Relative Humidity
Discharging Temperature	-20℃ to 60℃ @ 60+/-25% Relative Humidity
Storage Temperature	0℃ to 45℃ @ 60+/-25% Relative Humidity
Cycle Life	>6500 times (0.2C, 25℃, 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.



Long lifespan & high safety



Intelligent BMS Management System



Convenient Installation & User-Friendly Design



Wide Compatibility