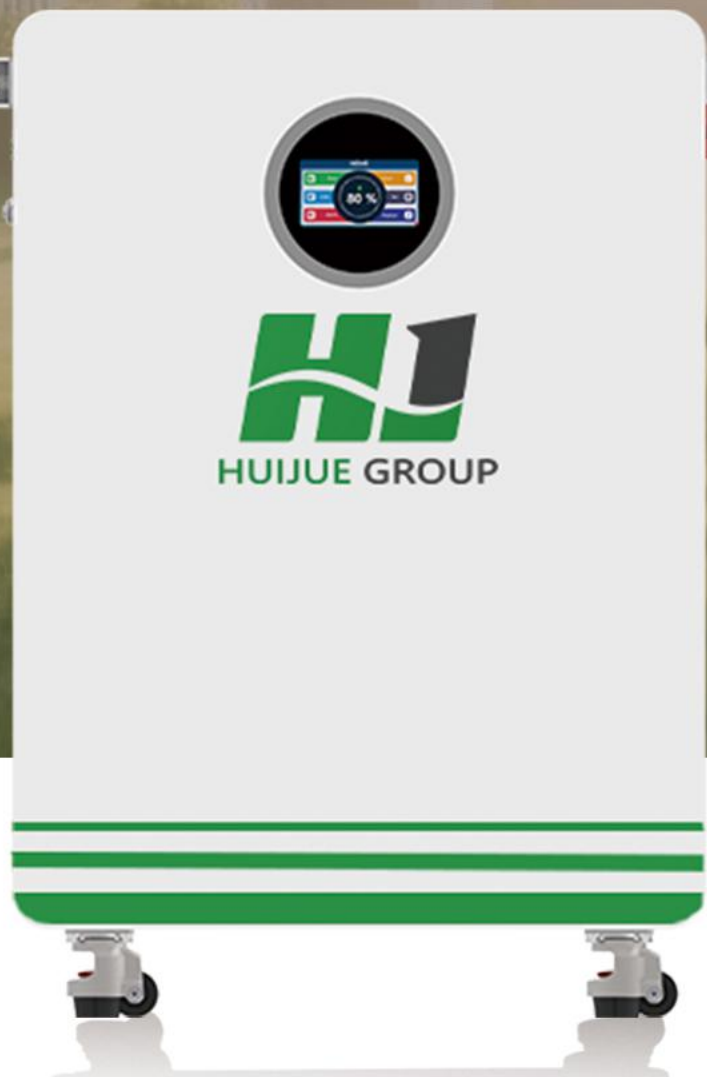


Floor-Mounted Battery

HJ-HBL48303F/HJ-HBL48202F/HJ-HBL48280F



Product Introduction

The floor-standing lithium iron phosphate battery system launched by Huijue Group uses high-safety, environmentally friendly LiFePO_4 cells, featuring an ultra-long cycle life and outstanding energy density, and is widely applicable to energy storage scenarios such as households, businesses, and microgrids.



Safe and reliable



Intelligent Battery Management System



Supports Multi-Module Parallel Connection



Efficient & Energy-Saving Design



HJ-HBL48303F/HJ-HBL48202F/HJ-HBL48280F
Technical Specification

Parameter

Product model	HJ-HBL48202 (B-6)	HJ-HBL48303F (B-7)	HJ-HBL48280F (B-60)
Rated Voltage	51.2V	51.2V	51.2V
Rated Capacity	200 Ah	300 Ah	280Ah
Rated Energy	10.24 KWH	15.36 KWH	14.336kWh
Output Voltage Range	43.2 V~58.4 V	43.2 V~58.4 V	43.2V~58.4V
Charging Voltage	57.6~58.4 V	57.6~58.4 V	57.6~58.4 V
Cut-off Voltage	43.2 V~58.4 V	43.2 V~58.4 V	43.2V
Maximum Charging Current	100 A	150 A	200A
Recommended Charging Current	50 A	50 A	50 A
Maximum Discharge Current	100 A	150A	200A
Efficiency	98%	98%	98%
Dimensions (Height x Width x Depth, mm)	750*415*235	895*415*235	895*415*235
Net Weight (kg)	89kg	120kg	120kg
Humidity	5% to 95% relative humidity		
Charging Temperature	-20℃~65℃		
Discharging Temperature	-20℃~60℃		
Storage Temperature	-10℃~50℃		
Cycle Life	>6000 times (0.2C, 25℃, 80% depth of discharge)		
Design life	>10 years		
Communication method	RS485/CAN		
Operating mode	Push button	Touch screen	Touch screen

Application Scenarios

Floor-standing lithium-ion batteries, with their large capacity, high reliability, intelligent management, and strong environmental adaptability, provide an ideal energy storage solution for various scenarios such as residential, commercial, and industrial applications, ensuring stable operation of equipment and efficient use of energy.