

# Floor-Mounted Battery

HJ-HBL48303F



## Product Introduction

The 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



Long lifespan & high safety



Intelligent Battery Management System



Modular Capacity Expansion



Wide Compatibility



## HJ-HBL48303F Technical Specification

### Parameter

Product model	HJ-HBL48280F(B-4)
Cell chemical formula	LiFePO <sub>4</sub>
Maximum continuous discharge current	100A
Available capacity	15360Wh
Rated voltage	51.2VDC
Voltage range	43.2V - 58.4VDC
Cycle life	≥8000 times
Communication	RS232、RS485、CAN
Battery discharge depth	≥95%
Charging current limiting function	10A
Discharge overcurrent instantaneous protection	≥150A/100ms
Overvoltage protection release	Discharge current > 1A disengages (59.2V overvoltage protection)
Over-discharge protection release	Charging current > 1A disengages
MOS high-temperature protection	MOS transistor over-temperature protection
Cell temperature protection	Cell low temperature (-20℃) and high temperature (70℃) protection
Cell failure protection	Cell voltage difference > 1V
Protection rating	Ip21
Display screen	LED light strip display + LCD screen
Operating temperature range	Discharge: -10℃ to +50℃; charging: +0℃ to +60℃
Storage temperature	>1 month: 0℃ to 35℃; ≤1 month: -20℃ to 45℃
Weight (net weight, for reference) KG	/

### 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.