Floor-Mounted Battery

HJ-HBL48280F

Product Introduction

The HJ-HBL48280F battery pack is a smart, portable energy storage power product featuring a 51.2V 280Ah lithium iron phosphate battery system. The product is equipped with wheels at the bottom for easy mobility.

Compact Space Utilization

Extended Service Life

Multiple Protection Functions

HUIJUE GROUP

HJ-HBL48280F

Technical Specification

Parameter

Product model	HJ-HBL48280F（B-18）
Rated Voltage	51.2V
Rated Capacity	280Ah
Rated Energy	14.366KWh
Output Voltage Range	40-58.4V
Charging Voltage	58.4 V
Cut-off Voltage	40V
Maximum Charging Current	100A
Recommended Charging Current	100A
Maximum Discharge Current	150A
Efficiency	98%
Dimensions (Height x Width x Depth, mm)	728*270*550
Net Weight (kg)	120kg
Humidity	5% to 95% relative humidity
Charging Temperature	-20˚C to 65˚C
Discharging Temperature	-20˚C to 60˚C
Storage Temperature	-10˚C to 50˚C
Cycle Life	>6000 times (0.2C, 25˚C, 80% discharge depth)
Communication method	RS485/CAN
Operating mode	Button type

Application Scenarios

This lithium-ion battery, with its high reliability, intelligent management, and strong environmental adaptability, provides an ideal energy storage solution for various scenarios such as residential, commercial, and industrial applications, ensuring stable operation of equipment and efficient utilization of energy.