Stacked Lithium Batteries

HJ-HBL48202S

Product Introduction

The HJ-HBL48202S series stackable lithium-ion battery is a high-performance battery product specifically designed for flexible expansion of energy storage capacity. It employs advanced lithium-ion battery technology combined with a modular design concept, enabling flexible stacking and combination according to user needs to achieve free expansion of capacity. This battery not only features efficient energy storage and release capabilities but also ensures safe and stable operation through an intelligent management system.

Modular Design | Long Cycle Life | Fast Charging & Discharging | Low Maintenance Costs

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HJ-HBL48202S

Technical Specification

Parameter

Product model	HJ-HBL48202S（B-16）
Voltage	51.2V
Capacity	200Ah
Energy	10.24KWh
Dimensions (L*W*H)	580*440*227mm
Weight	90Kg
Service Life (25˚C)	5 years
Cycle Time (80%DOD,25℃)	6000 cycles
Storage Time/Temperature	5 months (25˚C),3 months (35˚C),1 month(45˚C)
Operating Temperature	-20℃ to 60℃ @60±25% relative humidity
Storage Temperature	0℃ to 45℃ @60±25% relative humidity
Case Protection Class	IP21
Nominal Voltage	51.2VDC
Maximum Charging Voltage	57.6VDC
Discharge Cut-off Voltage	43.2VDC
Maximum Charge And Discharge Current	100A/150A

Application Scenarios

Stackable lithium-ion batteries offer users an efficient, reliable, and cost-effective energy storage solution with their flexible scalability, high performance, and intelligent management. They can meet diverse energy needs across residential, commercial, and industrial applications.