Home
Wall-Mounted Battery

HJ-HBL48202W

Product Introduction

The HJ-HBL48202W series lithium battery modules launched by Huijue Group feature reinforced steel casings coated with electrostatic paint for enhanced durability. They are equipped with built-in intelligent BMS for real-time monitoring and system stability. The modules feature quick-connect terminals and multi-protocol communication interfaces, compatible with mainstream inverters, providing users with flexible and efficient energy storage solutions.

Durable Structure | Intelligent BMS | Quick Installation | High Compatibility

HUIJUE GROUP

HJ-HBL48202W
Technical Specification

Parameter

Product model	HJ-HBL48202W（B-52）
Battery cell	LiFePO4
Maximum continuous discharge current	100A
Available capacity	10240Wh
Rated voltage	51.2VDC
Voltage range	40～58.4V
Maximum charging voltage	58.4V
Recommended charging current	40A
Cycle life (standard charge/discharge at room temperature)	≥5000 times
Communication	Standard configuration RS485、CAN
Battery discharge depth (DOD)	≥95%
Charging current limiting function	10A
Charge/discharge overcurrent long-delay protection	105A
Discharge overcurrent instantaneous protection	300A±10A 1S
Cell temperature protection	Charge: 0C~45℃，Discharge: -20℃-60℃
Weight (net weight, for reference) KG	83kg
Depth × Width × Height (mm)	725*550*162±2mm(No hanging hook included)

Application Scenarios

Diverse application scenarios including home backup power, commercial energy management, renewable energy integration, and industrial emergency power.