Stacked Lithium Batteries

HJ-HBL48101S

Product Introduction

The HJ-HBL48101S battery pack is a smart stackable residential energy storage power product featuring a lithium iron phosphate battery system. The product features a side panel features mounting brackets that can be used to secure the unit to a wall, offering both an aesthetically pleasing design and space-saving benefits

Ultra-long cycle life

Multiple protection functions

Support for stackable design

Parallel connection Automatic configuration

HUIJUE GROUP

HJ-HBL48101S

Technical Specification

Parameter

Product model	HJ-HBL48101S (B-33)
Array mode	16S1P
Rated capacity	100A
Minimum capacity	≥100Ah
Capacity	5.12kWh
Operating voltage	40 - 58.4V
Rated voltage	51.2V
Resistance	≤30mΩ（Max）
Charge voltage	58.4V
Discharge cut - off voltage	40V
Standard charging current	40A
Max continuous discharge current	100Ac
Communication port	RS485/CAN
Cycle life	3000 cycles @70%SOH
Operating temperature	charge：0℃～50℃；discharge：-20℃～70℃
Weight (net weight, for reference) KG	56.6 kg
Depth × Width × Height (mm)	610*530*190mm

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.