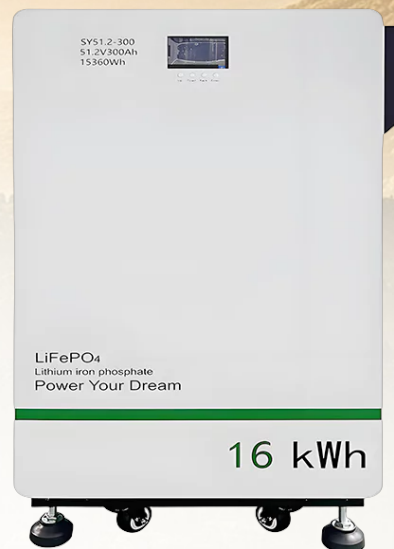


Mobile Battery

Model: HJ-HBL48 Power: 10kwh/15kwh/20kwh

Summary

The Floor-Standing Household Energy Storage System offers a high-capacity, stable, and efficient solution for residential energy storage.



Mobile Battery (HJ-HBL48)

Product Features

High Efficiency

Long-term reliability and performance with over 6,000 charge cycles (at 80% DOD)

Enhanced Safety

Overcharge, over-discharge, and short circuit protection

Eco-friendly

LFP technology, safer and more environmentally friendly than conventional batteries

Smart Energy Management

Equipped with intelligent balancing functions for optimized performance and integration with major inverter brands

20-Year Designed Service Life

Built to provide long-term energy storage solutions for residential use

Technical Parameters

LFP Battery Performance Parameters

Type Number	HJ-HBL48280	HJ-HBL48314
Battery Parameters		
Nominal Voltage	51.2V	
Rated Energy	14.33KWh	16.07KWh
Battery Capacity	280AH	314AH
Overcharge Voltage	58V	
Over Discharge Voltage	43V	
Maximum discharge current	0.5C	
Discharge Depth	90%	
Cell Type	Lithium Iron Phosphate	
Voltage Range	43-58V	
Cycle Life	>6000 times	
General Data		
Communication Interface	CAN/RS485	
Protection Function	Overcharge, over discharge, short circuit, over current, over temperature, charging over current, total voltage protection, balance, etc.Protection function	

Protection Level	IP56
Charging Method	48V DC charger
Display	LCD
Shell	Metal

Application

Peak Shaving: Stores energy during low-cost off-peak times for use during peak hours, reducing electricity bills

Contact Us

For catalog requests, pricing, or partnerships, please visit:
<https://www.highjoule.com>



Scan QR Code
Visit Our Website