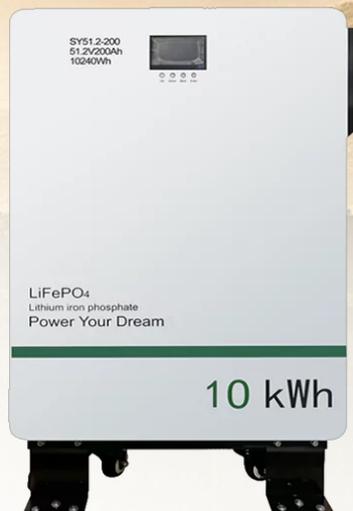


Floor-Standing Battery

Model: HJD-5.21 Power: 10kwh/15kwh/20kwh

Summary

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



Floor-Standing Battery (HJD-5.21)

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

Modular Design

Offers scalable energy storage with models of different capacities (200Ah, 300Ah, 400Ah)

20-Year Designed Service Life

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

Technical Parameters

LFP Battery Performance Parameters

LFP Battery NO.	SY51.2-100	SY51.2-200	SY51.2-300	SY51.2-400
Capacity	100 Ah	200Ah	300Ah	400Ah
Nominal Voltage	51.2 V			
Energy	5.12KWh	10.24KWh	15.360KWh	20.48KWh
Weight	~49 kg	~90 kg	~120 kg	~173 kg
Dimensions	442*600*136 mm	442*650*230 mm	442*760*240 mm	615*870*240 mm
Storage Temp	-5°C to 35°C			
Discharge Temp	-20°C to 60°C			
Charge Temp	0°C to 45°C			

Application

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

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