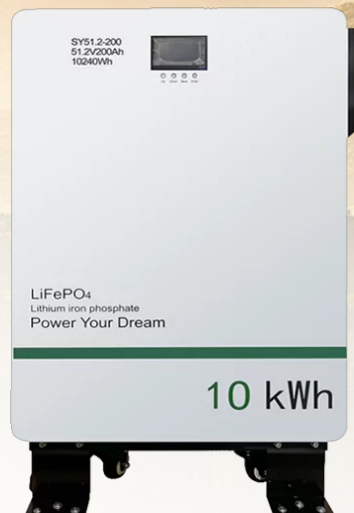


Floor-Standing Battery

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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