



Home Solar Energy Storage Cabinet-Style Systems

Model: HJH Series Power: 3kW-40kW/5.12kWh-81.92kWh

Summary

HighJoule's Home Solar Energy Storage Cabinet-Style Systems offer efficient, reliable, and scalable solar storage solutions for residential homes. Maximize solar energy usage, reduce energy bills, and ensure reliable backup power. Discover advanced inverters, customizable battery capacities, and remote monitoring options with HighJoule.



Home Solar Energy Storage Cabinet-Style Systems (HJH Series)

Product Features

Flexible Energy Storage

Available in 40.96 kWh to 81.92 kWh battery sizes, catering to different residential energy needs, ensuring reliable power supply for homes.

High-Efficiency Inverters

20KW to 40KW inverters with 380~400VAC and up to 800VDC, providing stable energy output and high conversion efficiency for residential applications.

Scalable & Customizable Design

Choose from multiple system sizes with scalable options for future expansion based on your home's growing energy needs.

Remote Monitoring & Control

Optional WiFi module for real-time monitoring and system management through the HighJoule app, enabling convenient control from anywhere.

Durable Outdoor Design

Weather-resistant cabinet design built to withstand harsh conditions, offering reliable performance for residential rooftops, garages, or backyards.

Silent Operation

Runs quietly, providing homeowners with uninterrupted peace while ensuring efficient solar energy storage and usage.

Sustainable & Clean Energy

Harness solar power to reduce carbon footprint, providing environmentally-friendly energy storage for your home.

Smart Power Management

Automatically optimizes energy storage based on solar generation and consumption patterns for maximum efficiency and energy savings.

Reliable Backup Power

Ensures seamless backup power during grid outages, providing peace of mind and uninterrupted energy supply.

Easy Installation & Low Maintenance

Quick and simple installation with minimal maintenance required, offering hassle-free setup and long-term reliability.

Technical Parameters

Product Model	HJ-H40-H20-20H / HJ-H40-O20-20H	HJ-H60-H30-30H / HJ-H60-O30-30H	HJ-H80-H40-40H / HJ-H80-O40-40H
Photovoltaic Panel	19.8 kW	29.7 kW	39.6 kW
Inverter	20KW, 380~400VAC, 500VDC	30KW, 380~400VAC, 800VDC	40KW, 380~400VAC, 800VDC
Battery	40.96kWh	61.44kWh	81.92kWh
Optional Module	WiFi Module	WiFi Module	WiFi Module

Application

The Home solar energy storage (Cabinet-style) of HighJoule, with models like HJ-H40-H20-20H, HJ-H60-H30-30H and HJ-H80-H40-40H having different photovoltaic panel powers from 19.8kW to 39.6kW, inverter powers from 20KW to 40KW and battery capacities from 40.96kWh to 81.92kWh, features an integrated cabinet-style design for space-saving and easy maintenance plus a WiFi Module for remote intelligent monitoring. It not only meets daily and emergency power needs of ordinary households but also suits high-end villas to power luxury items and hot water systems, helps small commercial places cut operating costs via peak-valley price differences and provides power for temporary construction sites, and can act as a mobile power source in grid-free areas when combined with wind power, making it stand out in application scenarios compared to similar products.

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