

Home solar energy storage

Model: HJH Series Power: 5.12kWh-81.92kWh

Summary

The HJH Home Solar Energy Storage System is an integrated high-efficiency household energy solution combining photovoltaic and energy storage technologies. Available in multiple configurations, it caters to diverse household energy demands, enabling efficient solar energy conversion, storage, and utilization. This system delivers stable, sustainable, clean energy to homes, reducing electricity costs and carbon emissions.



Home solar energy storage (HJH Series)

Product Features

High-Efficiency Photovoltaic Conversion

Equipped with premium photovoltaic panels featuring high photoelectric conversion efficiency, ensuring reliable energy output across varying light conditions.

High-Capacity Energy Storage

Utilizes long-cycle-life batteries with up to 6,000 cycles, providing stable and extended power supply for households.

Intelligent Inverter Technology

Incorporates high-power inverters with exceptional conversion efficiency and stable power output. Supports multiple voltage levels for broad compatibility.

Smart Monitoring and Management

Select models include Wi-Fi modules for remote monitoring, allowing users to track real-time system performance, energy generation, and consumption. High-power models feature an integrated Energy Management System (EMS) to optimize energy allocation, enhancing overall system efficiency.

Scalability and Compatibility

Designed for seamless integration with existing household electrical systems. Offers flexible expansion options to add photovoltaic panels or battery capacity as energy needs evolve.

Technical Parameters

Product Parameters

Product Model	HJ-H05-H 05-03H / HJ-H05-O 05-03H	HJ-H10-H 05-05H / HJ-H10-O 05-05H	HJ-H20-H 10-10H / HJ-H20-O 10-10H	HJ-H40-H 20-20H / HJ-H40-O 20-20H	HJ-H60-H 30-30H / HJ-H60-O 30-30H	HJ-H80-H 40-40H / HJ-H80-O 40-40H
Photovoltaic Panel	3.3 kW	4.95 kW	9.9 kW	19.8 kW	29.7 kW	39.6 kW
Inverter	3KW, 220 ~240VAC, 48VDC	5KW, 220 ~240VAC, 48VDC	10KW, 220 ~240VAC, 48VDC	20KW, 380 ~400VAC, 500VDC	30KW, 380 ~400VAC, 800VDC	40KW, 380 ~400VAC, 800VDC
Battery	5.12kWh	10.24kWh	20.48kWh	40.96kWh	61.44kWh	81.92kWh
Optional Module	WiFi Module	WiFi Module	WiFi Module	WiFi Module	WiFi Module	WiFi Module

Application

Daily household electricity consumption, emergency power supply, peak shaving and valley filling, power supply for households without electricity in remote areas, distributed energy generation ,and grid connection.

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