

Household Solar Storage System Cabinet (Wall Mounted Inverter - External)

Model: HJ-H Power: 6KW-50KW

Summary

The Household solar storage system Cabinet (Wall-Mounted Inverter - External Unit) is a compact, all-in-one solution combining photovoltaic power generation, intelligent energy storage, and high-efficiency inversion.



Household Solar Storage System Cabinet (Wall Mounted Inverter - External) (HJ-H)

Product Features

Wall-Mounted External Design, Space-Saving Flexibility

Compact wall-mounted structure eliminates floor space usage, enabling easy installation on diverse wall surfaces. The external layout enhances thermal dissipation and simplifies maintenance or future capacity expansion.

Smart Peak-Valley Strategy, Cost Efficiency

Integrated Energy Management System (EMS) stores energy during off-peak low-tariff hours and prioritizes discharge during peak periods. Dynamically adjusts household loads with solar generation, reducing annual electricity costs by 20%-40%.

Off-Grid Emergency Backup

Milliseconds-level switching to off-grid mode during grid outages ensures uninterrupted power supply for critical loads (e.g., refrigerators, lighting, routers), offering reliable backup during unexpected blackouts.

Smart Connectivity & Remote Control

Real-time monitoring of power generation, storage, and consumption via mobile app/cloud platforms. Supports remote mode adjustments, self-diagnostic alerts, and fault notifications, enhancing user management convenience.

Technical Parameters

Product Parameters

Model Number	Power	Max Capacity	Usage Environment	Dimensions
HJ-H20-H06-06C	6KW	20KWh	Outdoor Ground Installation	1400mm*650mm*650mm
HJ-H20-H08-08C	8KW	20KWh		1800mm*700mm*700mm
HJ-H30-H10-10C	10KW	30KWh		2200mm*700mm*700mm
HJ-H40-H12-12C	12KW	40KWh		2200mm*700mm*700mm
HJ-H30-H10-10D	10KW	30KWh		1800mm*750mm*750mm
HJ-H30-H12-12D	12KW	30KWh		1800mm*750mm*750mm
HJ-H40-H15-15D	15KW	40KWh		2000mm*900mm*900mm
HJ-H50-H20-20D	20KW	50KWh		2200mm*900mm*900mm
HJ-H60-H30-30E	30KW	60KWh		1800mm*1200mm*900mm
HJ-H80-H40-40E	40KW	80KWh		2050mm*1200mm*900mm

HJ- H100-H50-50E	50KW	100KWh	2250mm*1200 mm*900mm
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Application

Small households/urban apartments, areas with high peak and valley differences in electricity prices, areas with frequent fluctuations in the power grid or blackouts, and old circuit reconstruction scenarios.

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