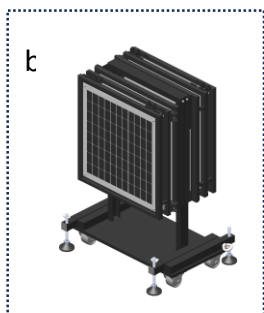


Simplified Photovoltaic + Home Storage Integrated Machine

HJ-HSH48-B Series

Huijue Group presents the new generation of simplified household energy storage inverter integrated system, which incorporates photovoltaic modules, photovoltaic-storage inverters, energy storage lithium batteries, and an energy management system. It enables real-time monitoring of equipment operation status and can be controlled collaboratively using a mobile app. This system allows for rational scheduling of electricity usage during peak and off-peak hours, balancing supply and demand over time to achieve household grid independence. It is suitable for various power consumption scenarios such as residential houses and commercial office buildings, achieving photovoltaic self-consumption, and using storage as an emergency



Photovoltaic Modules (Unfolded)



Photovoltaic Modules (Folded)



Household PV Inverter With Battery

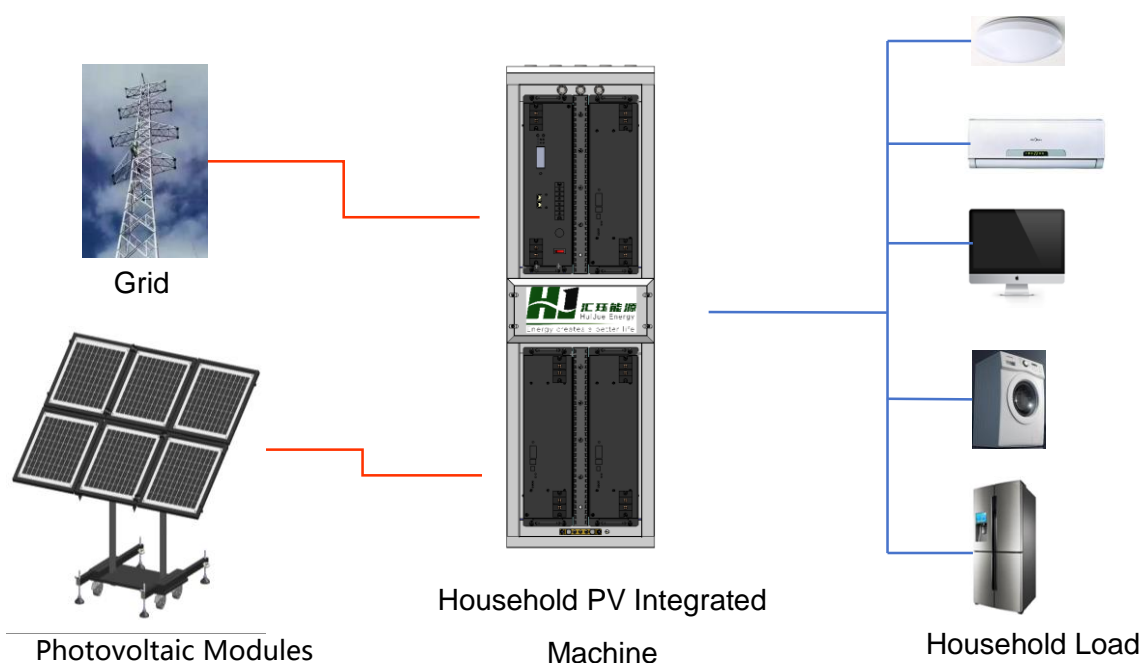
Product Features

1. Multiple application modes: Supports switching between grid-tied and off-grid modes.
2. Lightweight structure: Modular design, easy to operate, lightweight.
3. Space-saving: Integrated design saves space.
4. High performance: Ultra-long cycle life, high safety, high-rate output, fast charging and discharging.
5. More intelligent: Real-time monitoring, lithium battery balancing management.
6. Visual: LCD screen displays information, supports mobile app Bluetooth information.
7. Photovoltaic Modules: Foldable, easy to move, each set capacity 0.3KWp~1.2KWp, multiple sets can be stacked.

Application Scenarios

Suitable for various power consumption scenarios such as residential houses and commercial office buildings.

Product System Diagram



Configuration Parameters

Product Model	HJ-HSH4833EF	HJ-HSH4853EF
Inverter Type	Hybrid (Grid-tied and off-grid)	
Inverter Output Power	3000W	5000W
AC Voltage	(220Vac~240Vac) ±5%	
Photovoltaic Input Voltage	145Vdc/60~130Vdc	
Photovoltaic Input Power	3000W	5000W
Battery Parameters		
Battery Energy	5.12kWh	
Battery Capacity	100Ah	
Battery Voltage	48Vdc	
Number of Battery Parallel Connections	3	
Communication Method	RS485/CAN/WIFI	
Display Screen	LCD/LED Display	
Protection Level	IP20	



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