

112KWh Outdoor Cabinet Energy Storage System

HJ-G50-112F

Key Elements

- ✓ Cooling :Air Cooling
- ✓ Power :50KW/112KWh
- ✓ Model :HJ-G50-112F
- ✓ Energy Capacity :112KWh
- ✓ Battery Cell :LFP 3.2V/314Ah



Efficient and stable battery system

Equipped with 7 sets of 51.2V/314Ah air-cooled battery PACKs, each with BMS slave control system and cooling fan, which can achieve accurate battery management and cooling control.



Complete power distribution and auxiliary system

The power distribution system inside the cabinet includes auxiliary power supply system and utility input interface, which provides reliable power distribution and control for auxiliary equipment such as air-conditioning, lighting and utility input.



Powerful grid-connected PCS

With a rated AC output power of 50KW, the grid-connected PCS is able to achieve efficient conversion and stable output of power.



High protection and durability

Outdoor cabinet with integrated fire protection system, IP55 protection level, dustproof, water-proof and anti-corrosion, adapting to all-weather operation.



HJ-G50-112F Technical Specification

Technical parameters	HJ-G50-112F
Item	Specification
Energy Storage Outdoor Cabinet	Including cabinet, battery bracket, battery tray, lighting, etc., fire protection system, protection grade: IP55
Battery PACK	51.2V/314Ah air-cooled battery PACK, with BMS slave control system, cooling fan
Battery High Voltage Box	Including BMS master module and BMS, fan power supply management, battery PACK power supply management
PCS	Grid-connected, rated AC output power 50KW
Power Distribution System	In-cabinet power distribution system, including auxiliary power supply system and utility input interface
Air Conditioning System	Rated cooling capacity: 2KW, door-mounted cooling/heating unit
EMS	EMS local management system

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