

2MWh Energy Storage Container System

HJ-G1000-2200F

Key Elements

- ✓ Cooling :Air Cooling
- ✓ Power :1MW/2.2MWh
- ✓ Model :HJ-G1000-2200F
- ✓ Energy Capacity :2.2MWh
- ✓ Battery Cell :LFP 3.2V/314Ah



High capacity and power

The system has a rated power of 1000KW and a total capacity of 2250.752KWh (about 2MWh), which is capable of meeting large-scale energy storage needs.



Intelligent control system

Adopts EMS energy management system, optimises energy distribution and management, improves system efficiency and reliability.Strong environmental adaptability.



All-in-one Integration

Core components such as batteries, PCS, EMS, and fire protection system are integrated into a single container, simplifying the installation and maintenance process.



Flexible configuration options

Off-grid or grid-connected mode can be selected to meet the needs of different application scenarios.



High safety

Equipped with a complete fire protection system, including pipe network fire protection cabinet, fire protection control cabinet, fire protection mainframe, fire protection cylinders, etc., to ensure the safety of the system during operation.



HJ-G1000-2200F Technical Specification

Model	HJ-G1000-2200F
Container System	40ft container
Battery System (with BMS)	Containing 140 51.2V/314Ah battery PACKs, total battery capacity 2250.752KWh
PCS	500KW, off-grid and on-grid optional
Convergence control cabinet	EMS system, parallel convergence system
Electric Control Cabinet	EMS system, AC power distribution system
Fire Fighting System	Containing fire protection cabinet, fire control cabinet, fire protection host, fire protection gas cylinder, do not enter sign, sound and light alarms
Monitoring System	Containing access control system, environmental monitoring system
Air Conditioning System	Floor-standing integrated machine, rated cooling capacity 20KW, including air conditioning duct system

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