

# 1 MWh Energy Storage Container System

HJ-G500-1200F

### Key Elements

- ✓ Cooling :Air Cooling
- ✓ Power :500KW/1.2MWh
- ✓ Model :HJ-G500-1200F
- ✓ Energy Capacity :1.2MWh
- ✓ Battery Cell :LFP 3.2V/314Ah



### Intelligent monitoring and management

Equipped with an intelligent monitoring platform containing access control system and environment monitoring system, it can monitor the entry and exit of the personnel in the container as well as the temperature, humidity and other environmental parameters in real time, so as to ensure that the equipment operates in a suitable environment.



### High-performance battery system

Equipped with 75 51.2V/314Ah battery PACKs, the battery system includes BMS (Battery Management System), which can monitor the battery status in real time.



### High-efficiency temperature control system

Adopting floor-standing integrated air-conditioning system with a rated cooling capacity of 20KW, together with the homemade air-conditioning duct system, it can accurately control the temperature inside the container to ensure that the batteries work in the appropriate temperature zone.



### Intelligent control system

EMS (Energy Management System) is integrated in the convergence control cabinet and the electric control cabinet to achieve precise control of the charging and discharging process of the energy storage system, optimisation of energy distribution and efficient management of the parallel convergence.



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## Technical Specification

Model	HJ-G500-1200F
Container System	20ft container (6058*2438*2896mm)
Battery System (with BMS)	75 51.2V/314Ah battery PACKs, total battery capacity 1205.760KWh
PCS	500KW, off-grid and grid-connected 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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