

2MWh Energy Storage Container System

HJ-G1000-2000F

Key Elements

- ✓ Cooling :Air Cooling
- ✓ Power :1MW/2MWh
- ✓ Model :HJ-G1000-2000F
- ✓ Energy Capacity :2MWh
- ✓ Battery Cell :LFP 3.2V/280Ah



High-efficiency air-cooled battery PACK

Adopting 1P16S series-parallel connection, air-cooled battery PACK with rated power/capacity of 51.2V/280Ah, including BMS slave control system, fan cooling system, power supply and signal connecting cables, and rated charge/discharge multiplication rate up to 0.5C.



High-performance PCS (Energy Storage Inverter)

Rated AC power of 500KW, rated AC output voltage of 380/400V, rated AC output frequency of 50/60HZ, DC input voltage range of DC 600-900V, string structure, with 5 DC inputs, module configuration of 125KW*5, and grid-connected design enables seamless connection to the power grid. The grid-connected design enables it to seamlessly connect with the power grid and realise the bi-directional and efficient conversion of electric energy.



Convenient management software

With the functions of equipment operation monitoring, coordination control and energy management, users can view the operation status, key parameters and historical data of the energy storage system in real time through the software, which is convenient for remote operation and management decisions, and realises the intelligent operation and maintenance of the energy storage system



Integrated Energy Storage Container

Adopting 40-foot non-walk-in container design, the highly integrated and modular energy storage unit inside the container is convenient for transportation, installation and maintenance, which greatly reduces the construction and operation cost of the system, and improves the overall stability and reliability of the system at the same time.



HJ-G1000-2000F Technical Specification

Model number		HJ-G1000-2000F
Name	Product Specifications	
Single energy storage battery compartment (2007.04 KWh)		
Energy Storage Container	40 feet non-walk-in container (12192*2438*2896mm), including box, battery bracket, battery tray, lighting, etc.	
Air-cooled Battery PACK	Series and parallel connections: 1P16S, rated power/capacity: 51.2V/280Ah, air-cooled battery PACK, including BMS slave control system, fan cooling system, power supply, signal connecting cables, rated charging/discharging multiplier, 0.5C.	
Air Conditioning System	Rated cooling capacity: 9KW, door-mounted all-in-one unit with heating and dehumidifying functions.	
Fire Fighting System	40 feet container level fire fighting system, including gas detection device, fire alarm system, perfluorohexanone fire extinguishing system with pipe network.	
AC Distribution Cabinet	Container auxiliary power supply system	
Energy Storage Converters		
Energy Management System		
Accessories		
Accessories	Cable accessories, including the whole set of container energy storage system internal power cables, communication cables, etc.	

Contact Us

Web: www.hj-ess.com
Email: chinahuijue@gmail.com
WhatsApp: +86 136 5163 8099
Shanghai HuiJue Technologies Group Co., Ltd



WhatsApp Version1.0