

7.01MWh Energy Storage Container System

HJ-G0-7010L

Key Elements

- ✓ Cooling :Liquid Cooling
- ✓ Power :7.01MWh
- ✓ Model :HJ-G0-7010L
- ✓ Battery Cell :LFP 3.2V/435Ah



High energy density and long lifespan

Adopting LFP 3.2V/435Ah batteries with high energy density, long cycle life, and support for high-frequency charging and discharging, which reduces the cost of the whole life cycle.



Intelligent monitoring and communication

Supporting LAN, CAN, RS485 communication interfaces and compatible with Modbus TCP protocol, it realises remote real-time monitoring and data interaction, which is convenient for system integration and management.



High-efficiency liquid cooling system

Liquid cooling technology precisely controls the battery temperature, improves system efficiency and safety, and adapts to stable operation in high or low temperature environments.



Modular and lightweight design

Standard 20-foot container shape, easy to transport and rapid deployment, compact and space-saving.



HJ-G0-7010L/7.01MWh Technical Specification

Description

HJ-G0-7010L energy storage container system is a high-capacity energy storage device based on lithium iron phosphate (LFP) technology, with a rated capacity of 7.01MWh. It adopts liquid-cooling and cooling system, and uses a 20-foot container as a carrier, integrating modular design, intelligent monitoring and high protection level, and is suitable for a variety of complex scenarios to meet the energy storage needs of the industrial and commercial sectors, the electric power grid, and renewable energy. energy storage for industrial and commercial sectors, power grid, renewable energy and other fields.

Model Number	HJ-G0-7010L
Battery Type	lithium iron phosphate (LiFePO4)
Rated Capacity	7.01MWh
Cell Specification	LFP 3.2V/435Ah
Soc Estimation Accuracy	≤5%
Self-discharge rate / month	≤3%
IP Protection Rating	IP54
Weight (Kg)	45,000
Cooling Method	Liquid Cooling
Noise level	<65 dB (1m from system)
Communication Interface	Wired: LAN, CAN, RS485
Communication protocol	Modbus Tcp

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