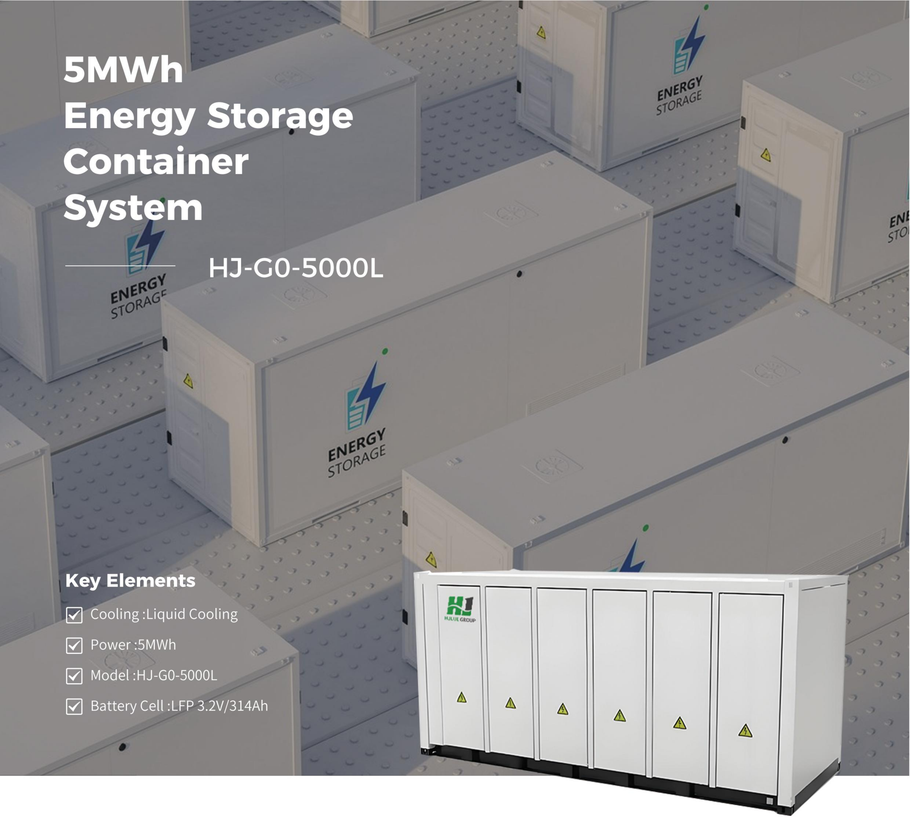
5MWh Energy Storage Container System

HJ-G0-5000L



Key Elements

- Cooling :Liquid Cooling
- Power :5MWh
- Model :HJ-G0-5000L
- Battery Cell :LFP 3.2V/314Ah

High-efficiency energy storage

Adopting high-capacity and high-performance battery packs, it can achieve 5MWh of energy storage to meet the demand for long-time and large-scale energy storage.

Precise liquid-cooled temperature control

The liquid-cooled system can accurately control the temperature of the battery, so that the battery can always operate in the optimal working range.

Flexible Expandability

The modular design allows the system to be flexibly expanded according to the actual demand, which is convenient for users to gradually increase the energy storage capacity according to the business development and improve the investment efficiency.

Intelligent monitoring and management

realising comprehensive control of the system's operating conditions, facilitating timely detection and treatment of problems, and improving the efficiency of operation and maintenance.

HUIJUE GROUP

HJ-G0-5000L/5MWh

Technical Specification

Description

HJ-G0-5000L Energy Storage Container System is a reliable and efficient energy storage solution that integrates high-performance battery technology and precise liquid cooling system. It is designed to meet the needs of large-scale energy storage and is widely used in energy storage, power grid peak shifting and frequency regulation, renewable energy access and other fields.

Model Number	HJ-G0-5000L
Battery Type	lithium iron phosphate (LiFePO4)
Battery Capacity	3.2V/314Ah
System Battery Configuration	12P416S
Power Storage	5016kWh
System Rated Voltage	DC 1331.2V
System Voltage Range	DC1164.8~DC1497.6V
Charge and Discharge Rate	0.5C
Battery Cooling Method	Liquid Cooling
System parameters	
Dimensions	20 feet container
Weight	45t
IP Rating	IP54
Anti-corrosion grade	C4/C5
Fire protection system	Perfluorohexanone + water fire protection (optional)
Certificate	CAN/MODBUS/IEC104/IEC61850
Communication Protocol	CAN2.0/RJ45/RS485

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