

# 6.9MWh Energy Storage Container System

HGO-7010L7.01 MWh



## > Product Introduction

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.

## > Product Features

- High energy density and long lifespan
- Intelligent monitoring and communication
- High-efficiency liquid cooling system
- Modular and lightweight design
- Low noise operation

## > Parameter

Model	HJ-G0-7010L
Cell Type	LFP 3.2V/435Ah
Energy Rating	7.01 Mwh
Voltage Range	DC1331.2V
Dimensions (H * D * W)	6058*2438*2896mm
Weights	≈40T
Ingress Protection Grade	IP54
Fire Fighting Methods	container level fire fighting system, including gas detection device, fire alarm system, perfluorohexanone fire extinguishing system with pipe network.
Max. operating altitude	3000m (>2000m derating)
Operating Temperature Range	-30°C~50°C(>45°C derating)
Cooling method	Liquid cooling
Communication Protocol	RS485/Ethernet (Modbus TCP, IEC 104, IEC 61850)
Rated output power	3500KW
Rated current	50Hz
Grid Freq. Range	45~55Hz
Total Harmonic Current Distortion	<3%
Rated grid Freq.	-1~+1
Product Standard	GB/T36276、GB/T34131、GB/T34120、GB/T34133、GB/T44026
Safety certification	IEC62619-1/2
EMC certification	EN61000-6-1/2/3、IEC61000
Grid Connection Standard	AS4777-2:2020,NRS097-2-1:2017,PN-EN50549-1:2019, VDE-AR-N4105:2018,EN50549-1:2019+AC:2019-4, CQC3310-2014

## > Application Scenarios:

Grid peaking and frequency regulation, backup power and emergency power supply, industrial and commercial energy storage, microgrid and off-grid power supply.