

6.25MWh Energy Storage Container System

HJ-G3450-6250L



> Parameter

Model	HJ-G3450-6250L
Cell Type	LFP 3.2V/587Ah
Energy Rating	6.25MWh
Combined Configurations	8P416S
Voltage Range	DC1164.8V-DC1497.6V
Dimensions (H * D * W)	6058*2438*2896mm
Weights	≈43T
Ingress Protection Grade	IP55
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-55°C(>45°C derating)
Cooling method	Liquid cooling
Communication Protocol	(Modbus TCP/RTU IEC60870-5-104,CAN)
Rated output power	3450kW
Rated current	2300A
Rated grid Freq.	50/60Hz
Total Harmonic Current Distortion	<3%
Product Standard	IEC 62477-1、IEC 62619、IEC 63056、EU 1542/2023
Safety certification	UN38.3, MSD
EMC certification	EN IEC 61000-6-1/2/3/4
Grid Connection Standard	EN 50549-1, EN 50549-2

> Application Scenarios:

Grid peaking and frequency regulation, renewable energy integration, industrial and commercial backup power, microgrid and off-grid power supply

> Product Introduction

The liquid-cooled commercial and industrial energy storage cabinet features advanced liquid cooling technology, ensuring precise temperature control to extend battery lifespan. It supports large-scale peak shaving and PV-storage integration, flexibly adapting to high-energy-consumption scenarios. This helps enterprises significantly reduce electricity costs and easily achieve a green, low-carbon transition.

> Product Features

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