



Industrial & commercial energy storage system

HJ-G0050-0225F 50KW/225KWh
HJ-G0100-0225F 100KW/225KWh



> Product Introduction

The air-cooled commercial and industrial energy storage cabinet features highly efficient natural air cooling with zero leakage risk, ensuring safe, reliable operation and extremely low maintenance costs. It supports intelligent peak shaving and PV-storage integration, flexibly adapting to various scenarios to help enterprises reduce electricity costs and easily achieve a green, low-carbon transition.

> Product Features

- High-performance battery cell
- Large capacity and high power
- Wide voltage range
- Efficient heat dissipation
- Strong adaptability
- High safety performance



> Parameter

Model	HJ-G0050-0225F	HJ-G0100-0225F
Cell Type	LFP 3.2V/314Ah	
Energy Rating	225kWh	
Combined Configurations	1P224S	
Voltage Range	DC627.2V-DC806.4V	
Dimensions(H*D*W)	1300*1300*2200mm	
Weights	≈2.4T	≈2.48T
Ingress Protection Grade	IP54	
Fire Righting 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	Air cooling	
Communication Protocol	(Modbus TCP/RTU IEC60870-5-104,CAN)	
Rated output power	50kW	100kW
Reted current	72.2A	144.3A
Total Harmonic Current Distortion	<3%	
Rated grid Freq.	50/60Hz	
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:

Industrial energy storage, factories, mines, commercial energy storage, shopping malls, hotels