

2.89MWh Energy Storage Container System

HJ-G1000-2890F



> Parameter

Model	HJ-G1000-2890F
Cell Type	LFP 3.2V/314Ah
Energy Rating	2.89MWh
Combined Configurations	12P240S
Voltage Range	DC672V-DC864V
Dimensions (H * D * W)	12192*2438*2896mm
Weights	≈35T
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-55°C(>45°C derating)
Cooling method	Air cooling
Communication Protocol	(Modbus TCP/RTU IEC60870-5-104,CAN)
Rated output power	1000kW
Rated current	1440A
Grid Freq. Range	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-side energy storage for peak and frequency regulation, power-side energy storage for smoothing power output, user-side energy storage for power quality improvement.

> Product Introduction

The air-cooled commercial and industrial energy storage cabinet features a highly efficient industrial air conditioning system, ensuring stable operation and maintenance-free performance. 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-efficiency air-cooled battery PACK

PCS High-performance PCS

 Convenient management software

 Integrated Energy Storage Container