



# 2.4MWh Energy Storage Container System

HJ-G1200-2400F

## > Product Introduction

The air-cooled commercial and industrial energy storage cabinet features highly efficient industrial air conditioning for heat dissipation, ensuring stable system operation and low maintenance costs. 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 capacity and power
-  All-in-one Integration
-  High safety
-  Intelligent control system
-  Flexible configuration options



## > Parameter

|                                   |                                                                                                                                                        |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                             | HJ-G1200-2400F                                                                                                                                         |
| Cell Type                         | LFP 3.2V/314Ah                                                                                                                                         |
| Energy Rating                     | 2.4MWh                                                                                                                                                 |
| Combined Configurations           | 10P240S                                                                                                                                                |
| Voltage Range                     | DC672V ~ DC864V                                                                                                                                        |
| Dimensions (H * D * W)            | 12192*2438*2591mm                                                                                                                                      |
| Weights                           | ≈30T                                                                                                                                                   |
| 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                | 1200kW                                                                                                                                                 |
| Rated current                     | 1800A                                                                                                                                                  |
| 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:

Grid-side energy storage, power-side energy storage, user-side energy storage.