

# 209KWh Outdoor Cabinet Energy Storage System

HJ-00G50-0209L 50KW/209KWh  
HJ-00G60-0209L 60KW/209KWh



## > Product Introduction

The liquid-cooled commercial and industrial energy storage cabinet utilizes high-efficiency liquid cooling technology for precise temperature control and extended lifespan. Equipped with multi-level safety protection, it supports intelligent peak shaving and demand management, helping enterprises reduce electricity costs and achieve a green, low-carbon transformation.

## > Product Features

Highly integrated

Excellent protection

Space saving

Flexible parallel machine

Diverse functions

Intelligent management

## > Parameter

| Model                             | HJ-G0050-0209L                                                                                                                                         | HJ-G0060-0209L |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Cell Type                         | LFP 3.2V/314Ah                                                                                                                                         |                |
| Energy Rating                     | 209kWh                                                                                                                                                 |                |
| Combined Configurations           | 1P208S                                                                                                                                                 |                |
| Voltage Range                     | DC582.4-DC748.8V                                                                                                                                       |                |
| Dimensions(H*D*W)                 | 1000*1450*2200mm                                                                                                                                       |                |
| Weights                           | ≈2.3T                                                                                                                                                  | ≈2.32T         |
| Ingress Protection Grade          | IP55                                                                                                                                                   |                |
| 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                    | Liquid cooling                                                                                                                                         |                |
| Communication Protocol            | (Modbus TCP/RTU IEC60870-5-104,CAN)                                                                                                                    |                |
| Rated output power                | 50kW                                                                                                                                                   | 60kW           |
| Rated current                     | 72.2A                                                                                                                                                  | 86.6 A         |
| 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:

Improve power quality, load tracking, backup power, peak shaving and valley filling.