

233KWh Outdoor Cabinet Energy Storage System

HJ-G55-233L
HJ-G110-233L
55KW/233KWh
110KW/233KWh



> Product Introduction

The Huijue Group's industrial and commercial energy storage system adopts an integrated design concept, with integrated batteries, battery management system, BMS energy management system, EMS, modular converter PCS and fire protection system in the cabinet. It reduces the cost of energy consumption for enterprises, increases green energy consumption, and maintains safe and stable system operation.

> Product Features

- Highly integrated
- Excellent protection
- Space saving
- Flexible parallel machine
- Diverse functions
- Intelligent management

> Parameter

Model	HJ-G55-233L	HJ-G110-233L
Cell Type	LFP 3.2V/280Ah	
Energy Rating	233kWh	
Combined Configurations	1P260S	
Voltage Range	650-949V DC	
Number Of Cycles	>7000@70%EOL,25°C	
Depth of Discharge	80% DOD	
Communication Interface	RS485,CAN,Ethermet	

Grid-connected output parameters

Rated output power	55kW	100kW
Rated grid voltage	380/400V,3L/N/PE	
Rated current	79A	158A
Power factor	~1(0.8 ahead~0.8 lag can be set)	
Rated grid Freq.	50/60Hz	
Total Harmonic Current Distortion	<1.5%(100%PN)	<5%(≥20%PN)

Off-grid output parameters

Rated output power	20kW	50kW
Rated grid Freq.	50/60Hz	
Rated output current	79A	158A
Off-grid switching time	<10ms	
Max. Energy Conversion Efficiency	0.99	

System parameter

Dimensions (H * D * W)	2130*1350*1373mm	
Ingress Protection Grade	IP54	
Cooling method	Liquid cooling	
Operating Temperature Range	5%~95% (non-condensing)	
Fire Fighting Methods	Proactive Early Warning + Aerosol Suppression at Pack Level + Perfluorohexanone at Cabinet Level	

> Application Scenarios:

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