

418KWh Outdoor Cabinet Energy Storage System

HJ-G0215-0418L 215KW/418KWh



> Product Introduction

The HJ-G215-418L industrial and commercial energy storage system from Huijue Group adopts an integrated design concept, with integrated batteries in the cabinet, battery management system, BMS energy management system, EMS, modular converter PCS and fire protection system. It reduces energy costs for enterprises, increases green energy use, and maintains safe and stable system operation.

> Product Features

 Highly integrated

 Excellent protection

 Space saving

 Flexible parallel machine

 Diverse functions

 Intelligent management



HJ-G0215-0418L 215KW/418KWh

> Parameter

Model	HJ-G0215-0418L
Cell Type	LFP 3.2V/314Ah
Energy Rating	418kWh
Combined Configurations	1P416S
Voltage Range	DC 1000-1500V
Number Of Cycles	>8000@70%EOL,25°C
Depth of Discharge	80% DOD
Communication Interface	RS485,CAN,Ethernet

Grid-connected output parameters

Rated output power	215kW
Rated grid voltage	380/400V AC,3P/N/PE
Rated current	327A
Power factor	0.98
Rated grid Freq.	50/60Hz
Total Harmonic Current Distortion	<3%

Off-grid output parameters

Rated output power	215kW
Rated grid Freq.	50/60Hz
Rated output current	327A
Off-grid switching time	<10ms
Maximum efficiency	≥89%

System parameter

Dimensions (H * D * W)	1400*1400*2550(mm)
Ingress Protection Grade	IP55
Cooling method	Liquid cooling
Operating humidity range	5%~95% (non-condensing)
Communication Protocol	RS485/RJ45 (Modbus RTU/TCP)
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.