418KWh Outdoor Cabinet Energy Storage System

HJ-G215-418L 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

Parameter

Model	HJ-G215-418L
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,Ethermet
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	Liguid 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.