Outdoor cabinet series industrial & commercial energy storage system

HJ-G150-372L 150KW/372KWh

Product Introduction

Huijue Group's industrial and commercial energy storage system adopts an integrated design concept, integrating batteries, battery management system BMS, energy management system EMS, modular converter PCS and fire protection system in the cabinet. The modular design allows flexible expansion and adapts to a variety of scenarios.

Product Features

- Fast power response
- All-in-one design
- Standardized interface
- Intelligent installation
- Non-isolation design
- Intelligent management

Parameter

Model	HJ-G150-372L
Cell Type	LFP 3.2V/280Ah
Energy Rating	372kWh
Combined Configurations	1P416S
Voltage Range	DC 1165-1500V
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	150kW
Rated grid voltage	380V AC,3P/N/PE
Rated current	227A
Power factor	0.98
Rated grid Freq.	50/60Hz
Total Harmonic Current Distortion	<3%
Off-grid output parameters	
Rated output power	150kW
Rated grid Freq.	50/60Hz
Rated output current	227A
Off-grid switching time	<10ms
Max. Energy Conversion Efficiency	⩾86%
System parameter	
Dimensions (H * D * W)	1400*1300*2350(mm)
Ingress Protection Grade	IP55
Cooling method	Liquid cooling
Operating Temperature Range	-30°C~50°C(>45°C derating)
Fire Fighting Methods	Proactive Early Warning + Aerosol Suppression at Pack Level + Perfluorohexanone at Cabinet Level

Application Scenarios:

Peak shaving and valley filling; improve the stability of the power system; backup power; peak-valley arbitrage; optimize the utilization rate of renewable energy; reduce the investment cost of power grid upgrade and transformation