Outdoor cabinet series industrial and commercial energy storage system

HJ-G100-215F

Product Introduction

HJ-G100-215F is a high capacity air-cooled energy storage system designed for outdoor industrial as well as commercial applications. With a power output of 100KW and an energy storage capacity of 215KWh, the system provides companies with an efficient energy management solution that helps optimize energy consumption, increase the efficiency of renewable energy use, and ensure a stable power supply.

Supports multiple operation modes | Good compatibility | Highly integrated system

HUIJUE GROUP

HJ-G100-215F
Technical Specification

Parameter

Product model		HJ-G100-215F	
DC parameters		AC parameters	
Battery type	lithium iron phosphate	AC side rated power	100KW
Cell Capacity	3.2V/280Ah	Maximum power on AC side	110KW
System Battery Configuration	1P240S	Total harmonic distortion rate of cable	<3% at rated power
Battery Rated Capacity	215 KWh	Rated voltage of AC side	380V AC
Battery voltage range	DC636-876V	AC access method	3P+N+PE
Charge/discharge ratio	0.5C	Rated grid frequency	50/60Hz
Depth of discharge	80%	Power factor range	0.98
Battery cooling method	air cooling	Off-grid operation	Be in favor of
System parameter			
Sizes	1600*1280*2200 mm(reference)	Temperature control method	Industrial-grade temperature-controlled air conditioning
Protection class	IP55	Firefighting program	Aerosol, perfluorohexanone
System communication protocol	Standard: Modbus	Communication interface	RS485, RJ45

Application Scenarios

Energy storage solutions for medium or large, commercial and industrial installations of
Better suited to provide backup power for hospitals, data centers, manufacturing plants, etc.
Peak curtailment and load shifting in energy-intensive industries to reduce operating costs