



Outdoor Cabinet Energy Storage System

HJ-G100-215L

Product Introduction

HJ-G100-215L 215KWh outdoor cabinet energy storage system is a liquid-cooled energy storage solution. The system adopts high-capacity density lithium iron phosphate battery with 1000V platform and plate exchange liquid-cooling technology, equipped with 100kW energy storage converter, charging/discharging multiplication rate of 0.5P. It has the advantages of high safety, long life, high efficiency, etc., and can be widely used in industrial and commercial fields to satisfy the user's demand for energy storage and management.



Energy
Management Unit



Integrated design



Supports multiple
access modes



Integration of
various functions



HJ-G100-215L Technical Specification

Parameter

Product model	HJ-G100-215L
Item	Technical parameters (single system)
System parameters	
Rated Discharge Power	100kW
Rated charging power	100kW
Rated Energy Storage Capacity	213kWh
Storage Battery Type	Lithium iron phosphate, 280Ah single unit
Battery Module	1P48S
Single Cluster Formation	1P240S
Maximum Energy Conversion Efficiency	≥86%
DC Side Parameters	
Rated Voltage	DC768V
Battery voltage range	DC 600V~876V
Rated Power	100kW
Rated Current	140A
Maximum DC Power	110kW
Maximum DC Current	192A
AC Side Parameters	
Rated grid voltage/allowable grid voltage range	400V (-20%~+15%)
Rated grid frequency / permissible grid frequency range	50Hz/60 Hz (±2.5)
Rated power factor	-0.99~+0.99
Cabinet parameters	
Overall Dimension(W×D×H)mm	1300×1300×2275
Weight (t)	≤3
Installation method	Cement foundation or channel steel
Protection grade	IP54
Spraying Colour	RAL 7035 Off-white matt
Thermal management technology	Liquid- cooling

Application Scenarios

Peak-to-valley arbitrage, grid-side frequency regulation, standby power supply.