



157 KWh Outdoor Cabinet Energy Storage System

HJ-G0050-0157L



> Product Introduction

This liquid-cooled C&I energy storage cabinet features LFP cells for precise temperature control and extended lifespan. Designed with multi-level safety for indoor/outdoor use, it supports peak-valley arbitrage, solar self-consumption, and emergency backup. With smart remote monitoring, it is the ideal solution to maximize business efficiency and reduce costs.

> Product Features

 Liquid-cooling technology

 EMU Energy Management Unit (EMU)

 Integrated design

 Supports multiple access modes

 Integration of various functions



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> Parameter

Model	HJ-G0050-0157L
Cell Type	LFP 3.2V/314Ah
Energy Rating	1P156S
Combined Configurations	157 kWh
Voltage Range	DC436.8V-DC561.6V
Dimensions(H*D*W)	1000*1450*2200mm
Weights	≈1.85T
Ingress Protection Grade	IP54
Fire Righting Methods	container level fire fighting system, including gas detection device, fire alarm system, perfluorohexanone fire extinguishing system with pipe network
Max. operating altitude	3000m(>2000m derating)
Operating Temperature Range	-30°C-55°C(>45°C derating)
Cooling method	Liquid cooling
Communication Protocol	(Modbus TCP/RTU IEC60870-5-104,CAN)
Rated output power	50 kW
Rated current	72.2 A
Total Harmonic Current Distortion	<3%
Rated grid Freq.	50/60Hz
Product Standard	IEC 62477-1、IEC 62619、IEC 63056、EU 1542/2023
Safety certification	UN38.3, MSD
EMC certification	EN IEC 61000-6-1/2/3/4
Grid Connection Standard	EN 50549-1, EN 50549-2

> Application Scenarios:

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