

241KWh Outdoor Cabinet Energy Storage System

HJ-G110-241F 110KW/241KWh



> Product Introduction

HJ-G110-241F 241KWh outdoor cabinet energy storage system is a high-performance energy storage device with air-cooled heat dissipation technology, which is suitable for a variety of outdoor energy storage scenarios. With powerful storage capacity, stable performance, and efficient charging and discharging efficiency, it can provide a reliable solution for energy management and power supply.

> Product Features

+ - High-performance battery cell Large capacity and high power Wide voltage range

Efficient heat dissipation Strong adaptability High safety performance

> Parameter

Model	HJ-G110-241F
Cell Type	LFP 3.2V/314Ah
Energy Rating	241kWh
Combined Configurations	1P224S
Voltage Range	DC 672~864V
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	100kW
Rated grid voltage	380/400V AC,3P/N/PE
Rated current	150A
Power factor	-1~1
Rated grid Freq.	50/60Hz
Total Harmonic Current Distortion	<3%

Off-grid output parameters

Rated output power	100kW
Rated grid Freq.	50/60Hz
Rated output current	150A
Off-grid switching time	<10ms
Max. Energy Conversion Efficiency	≥89%

System parameter

Dimensions (H * D * W)	1400*1300*2387(mm)
Ingress Protection Grade	IP55
Cooling method	Air 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:

Industrial energy storage, factories, mines, commercial energy storage, shopping malls, hotels.