Industrial & commercial energy storage system

HJ-G100-215F 100KW/215KWh

> 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.

> Product Features

Supports multiple operation modes

Highly integrated system

Good compatibility

> Parameter

Model	HJ-G100-215F
Cell Type	LFP 3.2V/280Ah
Energy Rating	215kWh
Combined Configurations	1P240S
Voltage Range	DC 636~876V
Number Of Cycles	>8000@70%EOL,25°C
Depth of Discharge	80% DOD
Communication Interface	RS485, CAN, Ethernet
Grid-connected output parameters	
Rated output power	100kW
Rated grid voltage	380/400V AC,3L/N/PE
Rated current	140A
Power factor	0.98
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	140A
Off-grid switching time	<10ms
Efficiency	0.984
System parameter	
Dimensions (H * D * W)	600*1280*2200(mm)
Ingress Protection Grade	IP55
Cooling method	Intelligent forced air 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:

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