6.9MWh Energy Storage Container System

HJ-G0-6900L 6.9MWh

Product Introduction

HJ-G0-6900L 6.9MWh Energy Storage Container System is a high energy density, high security, high capacity energy storage solution designed for industrial, commercial and grid level applications. The system provides stable power storage and release capacity to meet diversified energy management needs, and the integrated design of the 20-foot standard container facilitates rapid deployment in a variety of complex environments, making it an ideal choice for building a green energy system.

Product Features

- High energy density
- Large-capacity storage
- High protection level
- Adapt to complex environment

Parameter

Model	HJ-G0-6900L
Cell Type	LFP 3.2V/688Ah
Energy Rating	6.9MWh
Voltage Range	DC1331.2V
Dimensions (H * D * W)	6058*2438*2896mm
Weights	≈40T
Ingress Protection Grade	IP54
Fire Fighting 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~50°C(>45°C derating)
Cooling method	Liquid cooling
Communication Protocol	RS485/Ethernet (Modbus TCP, IEC 104, IEC 61850)
Rated output power	3000KW
Rated current	50Hz
Grid Freq. Range	45~55Hz
Total Harmonic Current Distortion	<3%
Rated grid Freq.	-1~+1
Product Standard	GB/T36276、GB/T34131、GB/T34120、GB/T34133、GB/T44026
Safety certification	IEC62619-1/2
EMC certification	EN61000-6-1/2/3 、IEC61000
Grid Connection Standard	AS4777-2:2020,NRS097-2-1:2017,PN-EN50549-1:2019, VDE-AR-N4105:2018, EN50549-1:2019+AC:2019-4, CQC3310-2014

Application Scenarios:

Grid peaking and frequency regulation, renewable energy integration, industrial and commercial backup power, microgrid and off-grid power supply.