



Energy Storage Container System

HJ-G1000-2000F

Product Introduction

HJ-G1000-2000F 2MWh Energy Storage Container System is an efficient, safe and intelligent energy storage solution. The core components include a single energy storage battery compartment, an energy storage converter, an energy management system and various auxiliary materials, each of which has been carefully designed and rigorously tested.



High-efficiency
air-cooled battery PACK



High-performance PCS



Integrated Energy
Storage Container



Convenient
management software



HJ-G1000-2000F
Technical Specification

Parameter

Product model	HJ-G1000-2000F
Name	Product Specifications
Single energy storage battery compartment (2007.04 KWh)	
Energy Storage Container	40 feet non-walk-in container (12192*2438*2896mm), including box, battery bracket, battery tray, lighting, etc.
Air-cooled Battery PACK	Series and parallel connections: 1P16S, rated power/capacity: 51.2V/280Ah, air-cooled battery PACK, including BMS slave control system, fan cooling system, power supply, signal connecting cables, rated charging/discharging multiplier, 0.5C.
Air Conditioning System	Rated cooling capacity: 9KW, door-mounted all-in-one unit with heating and dehumidifying functions.
Fire Fighting System	40 feet container level fire fighting system, including gas detection device, fire alarm system, perfluorohexanone fire extinguishing system with pipe network.
AC Distribution Cabinet	Container auxiliary power supply system
Energy Storage Converters	
Energy Management System	
Accessories	
Accessories	Cable accessories, including the whole set of container energy storage system internal power cables, communication cables, etc.

Application Scenarios

Grid-side energy storage for peak and frequency regulation, power-side energy storage for smoothing power output, user-side energy storage for power quality improvement.