



Energy Storage Container System

HJ-G500-1000F



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Technical Specification

Parameter

Product model	HJ-G500-1000F
Container System	20ft container (6058*2438*2896mm)
Battery System (with BMS)	78 51.2V/280Ah battery PACKs, total battery capacity 1118.208KWh
Power	500KW, off-grid and grid-connected optional
Convergence control cabinet	EMS system, parallel convergence system
Electric control cabinet	EMS system, AC power distribution system
Fire Fighting System	Containing fire protection cabinet, fire control cabinet, fire protection mainframe, fire protection cylinders, do-not-enter sign, audible and visual alarms.
Monitoring System	Containing access control system, environmental monitoring system
Air conditioning system	Floor-standing integrated machine, rated cooling capacity 20KW, including air conditioning duct system

Application Scenarios

Power station peak shifting, industrial energy storage, commercial energy storage, micro-grids

Product Introduction

HJ-G500-1000F 1MWh Energy Storage Container System.The system adopts lithium iron phosphate battery core, with 500kW energy storage converter, and realises intelligent control through energy management system (EMS), which has perfect communication, monitoring, management, control, warning and protection functions, and can achieve long-time continuous and safe operation, and is suitable for a variety of energy storage application scenarios.



Advanced System
Architecture



Efficient and
reliable converter



Reasonable
container design



Intelligent monitoring
and management