



Supports Multiple Green Energy Sources

Integrates solar, wind power, diesel generators, and energy storage systems to achieve an energy-saving solution, with a maximum load capacity of up to 600A



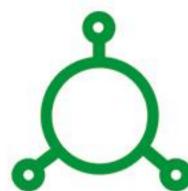
Durable Design

The outer layer of the cabinet is made of corrosion-resistant FRP material, making it suitable for coastal environments



Easy to Transport

The cabinet is made of lightweight aluminum alloy, allowing for manual transportation. It supports factory prefabrication and can be lifted and installed as a whole unit



Fully Integrated System

Combines power generation, energy storage, and communication infrastructure in a single system, enabling rapid and efficient deployment



Communication container station/HJ-SG-R01 Technical Specification

Product Specifications		
Container Product Specifications	Overall Dimensions (W*L*H)	2400(W)×6000(L)×2800(H)mm/P55 protection
	Installation Mode	Landing
	Cooling Solution	Intelligent temperature control (Fresh air system / precision air conditioning, energy-saving automatic switching refrigeration)
AC Input	AC input Voltage	Single-phase/three-phase 380VAC input (dual input interlock)
	Rectifier Module	50A, fully equipped 600A Shared slot with photovoltaic modules
Photovoltaic input	Photovoltaic Module Capacity	550Wp*12 pieces;=6.6kw
	Photovoltaic Modules	50A(3000W)*4
Wind Power	Wind Power	600W~2000W
	Fan Control Module	2KW
Energy Storage and Backup	LiFePO4	100AH, 51.2V; fully equipped with 4 groups, Energy storage 50KWH
Output Characteristics	DC output Voltage	432VDC~58VDC (default 535VDC)
	Output Configuration	Battery: 2*600A DC: 63A*6, 32A*4, 16A*6; AC: input 32A*4, lightning protection level C; socket: 2-way;
Monitoring unit System	Signal input	Analog input (battery temperature) 4 digital dry contact inputs
	Alarm Output	4-Way Dry Contact
	Communication Interface	RS485
	Storage Capacity	Up to 1000 Historical Slarm Records
	Sensor	Temperature and HHumidity, smoke, access control, water immersion
Environment	Operating Temperature	-20~+75° C (can be started at -40° C)
	Storage Temperature	-40°C~+75°C
	Operating Humidity	5%~95%(No condensation)
	Altitude	≤4000m (1800m~4000m, the temperature decreases by 1°C for every 200m increase in altitude.)

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