

# Outdoor communication energy cabinet

Model: HJ-SG-D02    Power: Maximum 24KW (-48V)

## Summary

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Highjoule HJ-SG-D02 Outdoor Communication Energy Cabinet is an integrated system for network communication, base station power and remote area site operation, which is suitable for communication base station, field site, edge computing site and other scenarios.



*Outdoor communication energy cabinet (HJ-SG-D02)*

## Product Features

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High Protection Level

IP55 protection rating, C4-level corrosion resistance, and FRP material, offer excellent anti-corrosion performance for harsh outdoor environments

Integrated Smart EMS

The energy management system improves energy efficiency and monitoring

#### Advanced BMS Configuration

Equipped with a rack-mounted lithium iron phosphate battery and an advanced intelligent BMS management system, providing integrated, compact, and lightweight real-time monitoring and protection features.

#### Multiple Power Generation Options

The cabinet includes solar panels and wind turbines, providing a multi-channel power supply to ensure continuous equipment operation

## Technical Parameters

### Parameters

Parameter Table		Model			
Serial Number	Project	HJ-SG-D02-01	HJ-SG-D02-02		
1	Environmental Requirements	Operating Temperature	-40℃+50℃		
		Heat Dissipation Method	5%~95%, No condensation		
		Cooling Method	AC/emergency fan combination		
		Size	<table border="1"> <tr> <td>Single warehouse</td> <td>Double warehouse</td> </tr> <tr> <td>40U 2100mm*900mm*900mm</td> <td>40U 2100mm*1750mm*900mm</td> </tr> </table>	Single warehouse	Double warehouse
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40U 2100mm*900mm*900mm	40U 2100mm*1750mm*900mm				
2	Basic Parameters	Reserve Space	10U*1      40U		
		Temperature Control System	1.5KW air conditioner/emergency fan+DC300W air conditioner		
		Dustproof and Waterproof	IP55		

## Application

## Weight

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Supports the integration of photovoltaic/wind power/generators, making it ideal for communication base stations, remote sites, and edge computing stations.

## Contact Us

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For catalog requests, pricing, or partnerships, please visit:  
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