

Outdoor communication energy cabinet

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

Summary

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

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

Application

Weight

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

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