

40KWh Outdoor Photovoltaic Energy Cabinet

Model: HJ-Z24-400 Power: 24KW (maximum 48KW)

Summary

The outdoor photovoltaic energy cabinet can provide reliable housing for network servers, edge computers, professional equipment, monitoring systems, photovoltaic, and battery systems. It is a unified power supply platform system that supports various AC and DC input and output formats, meeting different power input and output requirements.



40KWh Outdoor Photovoltaic Energy Cabinet (HJ-Z24-400)

Product Features

Multiple energy access

Supports the introduction of multiple green power sources such as photovoltaic, wind, and generator.

Multiple voltage outputs

AC220V, DC48V, -12V.

Intelligent system management

More energy-efficient and monitoring management; the temperature-controlled fan automatically adjusts the wind speed, with low power consumption, and supports RS485 serial communication upload.

Double-layer heat-insulating structure

Low comprehensive heat transfer coefficient (heat transfer coefficient $0.024\text{W}/(\text{m}^2\text{K})$).

IP55 protection level

It can be used in various harsh outdoor environments with a salt spray time of 500 hours.

Convenient for handling and installation

The product shell is made of aluminum alloy material, which is light and can be manually carried. It is prefabricated in the factory, and the cabinet can be hoisted as a whole.

Strong anti-corrosion performance

The outer layer of the cabinet made of FRP material has strong anti-corrosion performance and can be used in coastal scenarios.

Technical Parameters

Product Parameters

Model	HJ-Z06-100	HJ-Z12-200	HJ-Z18-300	HJ-Z24-400
Power	6KW (maximum 9KW)	12KW(maximu m24KW)	18KW(maximu m36KW)	24KW(maximu m48KW)
Maximum Energy Storage Capacity	10KWh	20KWh	30KWh	40KWh
Energy Input/Output	Mains/Photovoltaic/Energy Storage			
Usage Environment	Outdoor			Outdoor(doub le compartment)
Installation Method	Floor-mounted			
Specification Dimensions	1200mm*700 mm * 700mm	1600mm*700 mm*700mm	2000mm*750 mm* 750mm	2000mm*1550 mm * 800mm

Application

Communication Base Stations, Smart Cities, Smart Transportation, Power Systems, Edge Sites

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