

30KWh Outdoor Photovoltaic Energy Cabinet

Model: HJ-Z18-300 Power: 18KW (maximum 36KW)

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.



30KWh Outdoor Photovoltaic Energy Cabinet (HJ-Z18-300)

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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