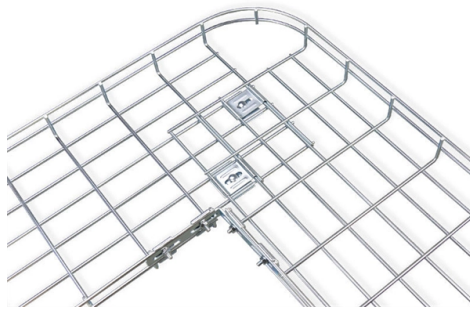


# How is Huijue integrated power supply



## Overview

Huijue Solar Carports and Energy Storage | Smart EV Charging Huijue, a leading BESS manufacturer, offers top-performing lithium battery-powered storage solu.

## Key Takeaways

To power on a Huijue integrated power supply, ensure proper battery and module connections, verify system protections, and activate the main power switch while monitoring the system via RS485 or wireless interface.

## Step-by-

### Step Power-

On Procedure1.

## Verify Installation and Connections

Ensure the power supply is securely mounted (wall, pole, or tower) and all modules are properly inserted and hot-swappable modules are locked in place. Confirm that battery modules are connected correctly, observing polarity and voltage specifications. The system supports multi-module parallel expansion, so ensure all cabling is properly cascaded if multiple PSUs or batteries are used.

2.

## **Check System Protections**

Confirm that overload, high-temperature, lightning, and grounding protections are in place and functional. Ensure the battery low discharge voltage protection is active to prevent damage during startup. 3.

## **Power Activation**

Turn on the main power switch of the integrated power supply. For HJ048 and similar models, this typically involves activating the DC input from the battery or grid source. The system will automatically manage energy flow according to priority: solar/wind > battery > grid > diesel generator if applicable.

4.

## **Monitor System Status**

Use the RS485, CAN, or wireless (4G/5G/Bluetooth) interface to check input/output voltage, battery voltage, load current, and charge/discharge status. Ensure the system reports normal operational status and that all outputs (-48V channels) are active and stable. 5.

## **Confirm Load Connection**

Connect your network devices or base station equipment to the power outputs. The system supports multiple simultaneous outputs for low-power network access devices. Verify that the load is receiving stable DC power and that no alarms are triggered.

6.

## **Optional Remote Control**

If configured, you can use remote telemetry or control functions to power on/off or adjust settings without physically accessing the unit.

## **Safety Tips**

Always follow IP65-rated outdoor installation guidelines to prevent water or dust ingress. Avoid powering on the system if any module is loose or if protective covers are not in place. Regularly monitor battery health and system logs to ensure long-term reliability.

By following these steps, the Huijue integrated power supply can be safely powered on and monitored for stable operation in communication base stations, microgrids, or home energy storage systems.

## Article Content

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