

DJI CP.MA.00000328.01

# DJI 3-Battery Two-Way QC and USB PD Fast Charging Hub User Manual

Model: CP.MA.00000328.01

## 1. INTRODUCTION

The DJI 3-Battery Two-Way QC and USB PD Fast Charging Hub is designed to efficiently manage the charging of up to three compatible drone batteries. It also offers the functionality to serve as a power bank for charging external USB devices. This manual provides essential information for the proper setup, operation, and maintenance of your charging hub.



Image: The DJI 3-Battery Two-Way Charging Hub with an integrated display showing battery levels.

### Key Features:

- Charges up to three batteries in sequence.
- Can be used as a power bank to charge additional devices.
- Intelligent LED indicators for charging status.
- Supports QC and USB PD fast charging.

## 2. SETUP

## Connecting the Charging Hub:

1. Connect a USB Type-C cable to the 'IN' port on the charging hub.
2. Connect the other end of the USB Type-C cable to a compatible power adapter (e.g., a 35W or higher PD/QC3 charger) or power bank.
3. Ensure the USB-C cable is fully inserted until a click is heard to establish a secure connection.

## Inserting Batteries:

1. Align the battery with one of the three battery slots on the charging hub.
2. Insert the battery into the slot and press down firmly until a click is heard. This ensures the battery is fully seated and connected.
3. The integrated display will show the battery's status once correctly inserted.

Video: Demonstrates inserting batteries and checking levels on the LCD display. Highlights the importance of fully inserting batteries and USB-C cables.

## 3. OPERATING INSTRUCTIONS

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### Charging Batteries:

- The charging hub charges up to three batteries in sequence. It prioritizes the battery with the highest charge level first, ensuring you have a ready-to-use battery sooner.
- The hub will deliver up to 18 watts of power to the battery being charged, provided a compatible PD or QC3 charger is used.
- The integrated display shows the charging progress, including voltage, amperage, and percentage charged for each battery.

Video: Overview of the charging hub's functions, including charging, storage mode, power bank use, and battery level checks.

### Using as a Power Bank:

- The charging hub can function as a power bank to charge external USB devices such as smartphones or remote controllers.
- Connect your device to the 'OUT' USB-A port on the charging hub.
- By default, batteries inserted in the hub are charged first. To prioritize charging an external device, press and hold the power button for 2 seconds. This will direct power from the drone batteries to the external device.



Image: The charging hub being used as a power bank to charge a remote controller.

## Checking Battery Levels:

- With batteries inserted, briefly press the power button on the side of the hub.
- The integrated display will illuminate, showing the current charge level, voltage, and amperage for each inserted battery.

## 4. MAINTENANCE

### Battery Storage Mode:

- The charging hub supports a storage charging mode. If batteries have less than 60% charge, they will be charged to 60-65% for optimal long-term storage.
- If batteries have more than 65% charge, the hub will discharge them to the optimal storage level.
- To activate storage mode, press and hold the power button for 2 seconds when the hub is not connected to an external power source.



Image: The charging hub in storage mode, indicating optimal battery charge for long-term preservation.

### General Battery Care:

- Do not store batteries in the charging hub or drone for extended periods. DJI Intelligent Flight Batteries are designed to self-discharge to approximately 70% after a day of non-use to reduce stress on the battery over time. Leaving them in the hub or drone can prevent this self-discharge, potentially leading to battery damage.
- Always ensure batteries are stored at their recommended voltage (around 3.8V per cell for LiPo batteries) for longevity.

## 5. TROUBLESHOOTING

### Charging Issues:

- **No Charge/Display Reads "0":** Ensure batteries are fully inserted into their slots until a click is heard. Also, verify that the USB-C input cable is securely connected to both the hub and the power source.
- **Intermittent Charging:** If charging is inconsistent, try unplugging and re-plugging the power cable and re-seating the batteries. Ensure your power adapter meets the recommended wattage for stable charging.
- **Slow Charging:** The hub charges batteries sequentially. If you are using a power adapter with less than 25W output, batteries may charge one by one. For faster charging of multiple batteries simultaneously, use a PD25W+ power source.

## 6. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.94 x 4.92 x 1.42 inches
Item Weight	2.4 ounces
Item Model Number	CP.MA.00000328.01
Batteries Required	1 Lithium Polymer battery (for operation)
Connector Type	USB Type C (Input), USB Type A (Output)
Input Voltage	240 Volts (AC) (via adapter, not included)
Amperage	2 Amps
Total USB Ports	1 (Output)
Special Feature	Charging Indicator (Intelligent LED Display)
Manufacturer	DJI

## 7. COMPATIBILITY

The DJI 3-Battery Two-Way QC and USB PD Fast Charging Hub is compatible with the following DJI drone batteries:

- DJI Mini 2 SE
- DJI Mini 4K
- DJI Mini 2
- DJI Mini SE

## 8. WHAT'S IN THE BOX

The package includes:

- 1x DJI Mini 2 & DJI Mini 2 SE Two-Way Charging Hub

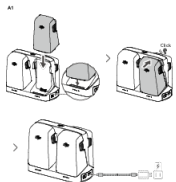




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Official user guide for the DJI Flip Parallel Charging Hub (CHX141-65), detailing its features, usage instructions, specifications, and safety information for charging Intelligent Flight Batteries.

This document provides release notes for the DJI Matrice 350 RTK, detailing firmware updates for the aircraft, remote controller, DJI Pilot 2 app, D-RTK 2 Mobile Station, intelligent battery stations, and various Zenmuse gimbals and accessories. It also highlights new features and bug fixes introduced in each release.

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User guide for the DJI NEO 2 Two-Way Charging Hub, detailing its features, usage for charging intelligent flight batteries and as a power bank, specifications, and compliance information.