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› JJC Dual USB Charger for Olympus BLH-1 Battery Instruction Manual

## JJC DCH-BLH1UE-4

# JJC Dual USB Charger for Olympus BLH-1 Battery

Model: DCH-BLH1UE-4

## 1. PRODUCT OVERVIEW

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The JJC DCH-BLH1UE-4 Dual USB Charger is designed to charge two Olympus BLH-1 camera batteries simultaneously. It features a compact design with a built-in USB cable and includes a 40cm extension cable for flexible charging options. This charger is compatible with Olympus OM-D E-M1 Mark III, OM-D E-M1 Mark II, and OM-D E-M1X cameras.

## Safety & Multiple Protection



Short Circuit Protection



Overcharge Protection



Overcurrent Protection



Voltage Regulation Protection



Overdischarge protection



Image: The JJC Dual USB Charger with a single Olympus BLH-1 battery inserted into one of its charging slots.

## 2. PACKAGE CONTENTS

- 1 x JJC Dual USB Battery Charger
- 1 x 40cm USB Extension Cable

### Package Included

- ✓ Battery Charger x 1
- ✓ 40cm Extension Cable x 1

### Compatible With Olympus

- ✓ OM-D E-M1 Mark III
- ✓ OM-D E-M1 Mark II
- ✓ OM-D E-M1X



Image: The package contents, including the JJC Dual USB Charger and the 40cm USB extension cable.

### 3. COMPATIBILITY

This charger is specifically designed for Olympus BLH-1 batteries. It is compatible with the following camera models:

- Olympus OM-D E-M1 Mark III
- Olympus OM-D E-M1 Mark II
- Olympus OM-D E-M1X

### 4. SETUP AND CONNECTION

1. **Connect to Power Source:** Extend the built-in USB cable from the charger. Connect it to a USB power source such as an AC adapter, laptop, power bank, or car charger. For extended reach, use the provided 40cm USB extension cable. The charger requires a 5V 2.2A input for optimal performance.
2. **Insert Batteries:** Carefully insert one or two Olympus BLH-1 batteries into the designated charging slots on the charger. Ensure the battery contacts align correctly with the charger pins.



Image: The charger connected to different USB power sources like a wall adapter, power bank, laptop, and car charger.



Image: Illustration of the charger's built-in USB cable and the additional 40cm extension cable for flexible charging.

## 5. OPERATING INSTRUCTIONS

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Once connected to a power source and batteries are inserted, the charger will automatically begin charging. You can charge one or two batteries simultaneously.



Image: The charger with a single battery inserted and charging.



Image: The charger with two batteries inserted and charging simultaneously.

## 6. LED INDICATOR GUIDE

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The charger features two indicator lamps (CH1 and CH2) for each battery slot, displaying the charging status:

- **Flashing once (25%):** Battery charge level is less than 25%.
- **Flashing twice (50%):** Battery charge level is 25% but less than 50%.
- **Flashing three times (75%):** Battery charge level is 50% but less than 75%.
- **Solid red light (100%):** Charging is complete, and the battery is fully charged.

## LED CHARGING INDICATOR

### Charging

#### ●—●—●—● 25%

When the red light flashes once, it means that the battery is charging and the power is less than 25%.

#### ●●—●●—●● 50%

When the red light flashes twice, it means that the battery level is 25% but less than 50%.

#### ●●●—●●●—●●● 75%

When the red light flashes three times, it means that the battery level is 50% but less than 75%.

#### ● 100%

When the red light is always on, it means that the charging is completed, and the power is 100%.

### Charging Completed



Image: A close-up of the charger's LED indicators, illustrating the different flashing patterns for charge levels (25%, 50%, 75%) and a solid light for 100% charge.

## 7. SAFETY AND PROTECTION FEATURES

The JJC Dual USB Charger incorporates multiple safety features to protect your batteries and the charger itself:

- **Short Circuit Protection:** Prevents damage from electrical shorts.
- **Overcharge Protection:** Automatically stops charging once batteries are full to prevent overcharging.
- **Overcurrent Protection:** Safeguards against excessive current flow.
- **Voltage Regulation Protection:** Maintains stable voltage during charging.
- **Overdischarge Protection:** Protects batteries from being excessively discharged.

## Safety & Multiple Protection

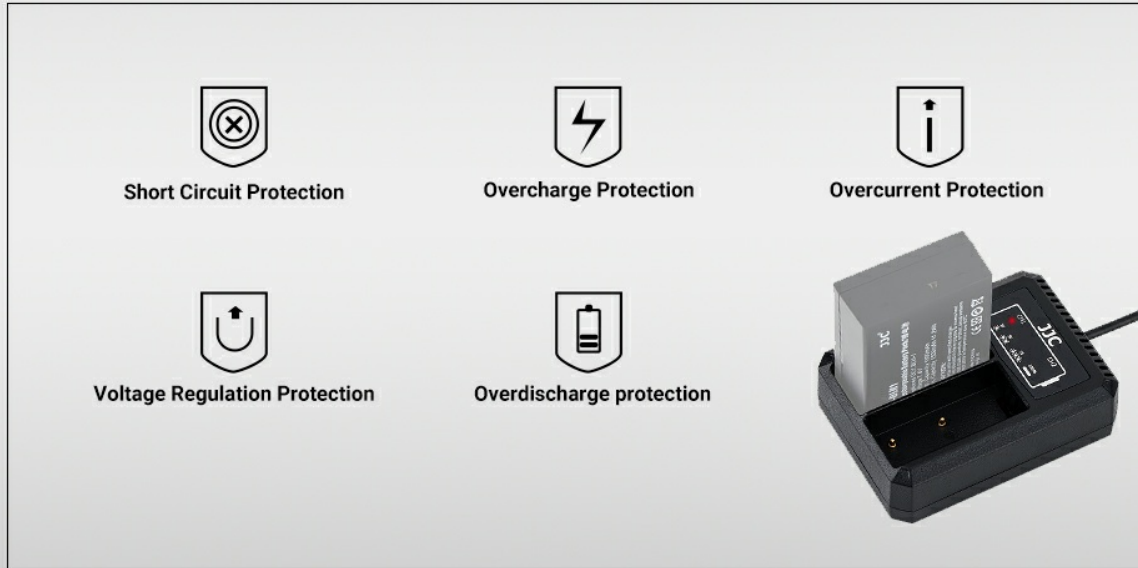


Image: A visual representation of the charger's safety features, including short circuit, overcharge, overcurrent, voltage regulation, and overdischarge protection.

## 8. MAINTENANCE

- Keep the charger clean and dry. Avoid exposure to moisture or extreme temperatures.
- Do not attempt to disassemble or modify the charger.
- Store the charger in a cool, dry place when not in use.
- Regularly check the USB cable for any signs of damage.

## 9. TROUBLESHOOTING

- **Charger not working:** Ensure the USB cable is securely connected to both the charger and a functional USB power source. Verify the power source provides at least 5V 2.2A.
- **Batteries not charging:** Check that batteries are inserted correctly with contacts aligned. Ensure batteries are compatible with the charger (Olympus BLH-1).
- **Slow charging:** Charging speed can vary depending on the power source. Using a higher amperage USB adapter (up to 2.2A) can improve charging time. Charging two batteries simultaneously may also result in a longer charge duration compared to charging a single battery.
- **LED indicators not lighting up:** This may indicate a power supply issue or a faulty connection. Recheck connections and try a different USB power source.

## 10. SPECIFICATIONS

Feature	Specification
Model Number	DCH-BLH1UE-4
Input Voltage	DC 5V 2.2A (Min)
Output Voltage	DC 8.4V 600mA (for each battery)
Product Dimensions	3.15 x 2.28 x 0.98 inches (80 x 58 x 25 mm)
Item Weight	2.89 ounces (82g)
Color	Black



Image: An illustration detailing the compact dimensions of the charger and demonstrating its portability.