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› Kastar LB-012 Battery and LTD2 USB Charger User Manual

## Kastar CH-LTD2-3B-K7006-L



# Kastar LB-012 Battery and LTD2 USB Charger USER MANUAL

## Introduction

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Thank you for choosing the Kastar LB-012 Battery and LTD2 USB Charger. This manual provides essential information for the safe and efficient use of your new battery and charger kit. Please read this manual thoroughly before use and retain it for future reference.

## Safety Information

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To ensure safe operation and prevent damage, please observe the following precautions:

- Do not disassemble, open, or attempt to repair the battery or charger.
- Do not expose batteries or charger to water, moisture, or high humidity.
- Avoid exposing batteries to extreme temperatures (above 60°C/140°F or below 0°C/32°F).
- Do not short-circuit the battery terminals.
- Use only the provided charger or a compatible charger for LB-012 batteries.
- Keep batteries and charger out of reach of children.
- Dispose of used batteries according to local regulations. Do not dispose of in household waste.

## Package Contents

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Your Kastar LB-012 Battery and LTD2 USB Charger package includes the following items:

- 1 x Kastar LTD2 USB Dual Charger
- 3 x Kastar LB-012 Lithium-Ion Batteries (KLIC-7006 compatible)
- 1 x Micro USB Cable



Image: The complete package contents, including the dual charger, three batteries, and connecting cables.

## Setup

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Follow these steps to set up your charger and batteries:

1. **Connect the Charger:** The LTD2 charger features both Micro-USB and Type-C input ports. Connect the included Micro USB cable to either the Micro-USB port or use your own Type-C cable with the Type-C port on the charger.
2. **Power Source:** Connect the other end of the USB cable to a suitable USB power source, such as a laptop, AC adapter, car charger, or power bank. Ensure the power source provides 5V input.
3. **Insert Batteries:** Carefully insert one or two LB-012 batteries into the charging slots of the LTD2 charger. Ensure the battery contacts align correctly with the charger's pins.



## Charing?

1. Micro-USB Input
2. Type-C Input

Ultra Slim,  
Dimension:  
5.24" x 3.07" x 0.79"  
Ultra Light,  
Weight: 3 Oz

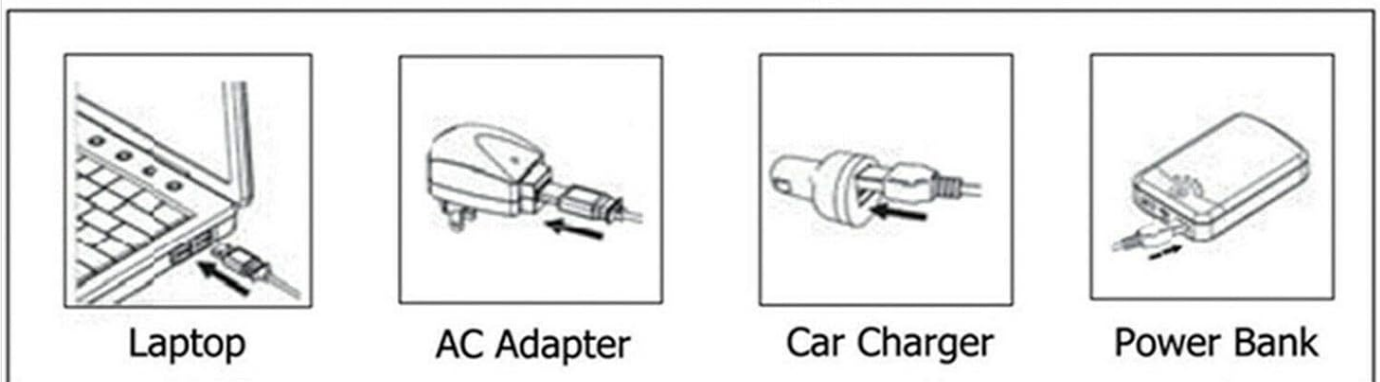
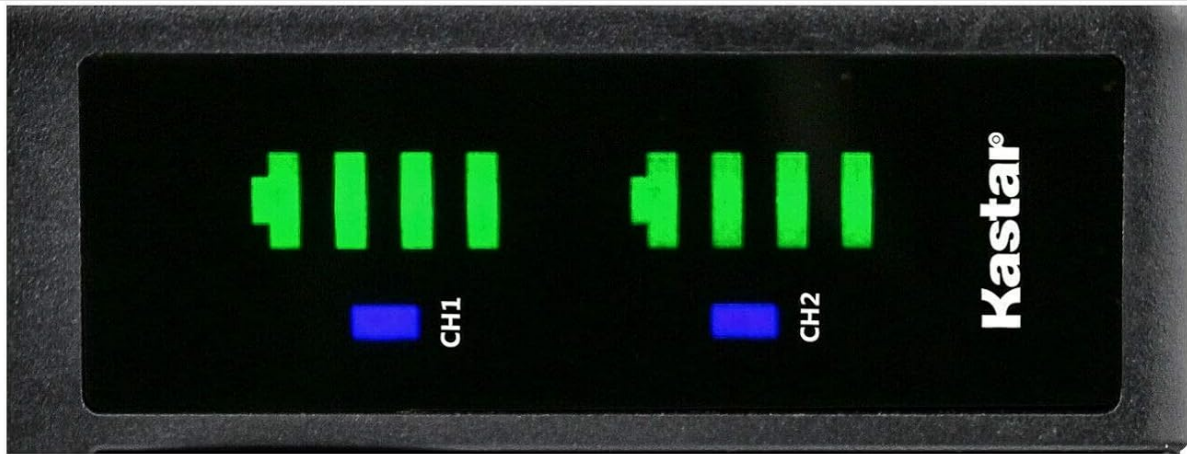


Image: The LTD2 charger highlighting its Micro-USB and Type-C input options, along with its compact dimensions.

### Operating Instructions

The Kastar LTD2 USB Dual Charger is designed for intelligent and efficient charging.

- **Charging Process:** Once batteries are inserted and the charger is connected to a power source, the intelligent LED display will illuminate to indicate the charging status for each channel (CH1 and CH2).
- **LED Indicator Status:** The LED display provides real-time information on the battery's charge level.



## Kastar Intelligent LED Dual charger: Displays each channel charging status and battery capacity.

| Indicator Status | Power Ratio | Statements   |
|------------------|-------------|--------------|
|                  | No power    | No power     |
|                  | 6%---25%    | One LED on   |
|                  | 26%---50%   | Two LED on   |
|                  | 51%--75%    | Three LED on |
|                  | 76%---100%  | Four LED on  |

Image: Close-up of the charger's LED display and a table explaining the battery indicator status (power ratio and corresponding LED lights).

### LED Indicator Status Guide

| Indicator Status | Power Ratio | Statements    |
|------------------|-------------|---------------|
|                  | No power    | No power      |
|                  | 6% - 25%    | One LED on    |
|                  | 26% - 50%   | Two LEDs on   |
|                  | 51% - 75%   | Three LEDs on |
|                  | 76% - 100%  | Four LEDs on  |

When all four LEDs are steadily lit, the battery is fully charged. The charger will automatically stop charging to prevent overcharge.

### Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the charger and batteries. Do not use liquid cleaners or solvents.
- **Storage:** When not in use for extended periods, store the batteries and charger in a cool, dry place, away from direct sunlight and extreme temperatures. It is recommended to store batteries with a partial charge (around 50%) to prolong their lifespan.
- **Battery Protection:** The LB-012 batteries are designed with protective features. For optimal longevity, avoid fully discharging the batteries regularly.



Image: An LB-012 battery shown inside a clear protective storage case, illustrating proper storage.

## Troubleshooting

### Common Issues and Solutions

| Problem                       | Possible Cause                        | Solution  |
|-------------------------------|---------------------------------------|---|
| Charger LEDs do not light up. | No power supply or faulty connection. | Ensure the USB cable is securely connected to both the charger and a working USB power source. Try a different USB port or power adapter. |

| Problem  | Possible Cause                                   | Solution  |
|--|--|---|
| Battery not charging (LEDs not progressing).   | Battery not inserted correctly or battery fault. | Re-insert the battery, ensuring proper alignment of contacts. Check if the battery is damaged. Try charging a different battery if available. |
| Slow charging.                                 | Low power output from USB source.                | Use a USB power adapter with higher current output (e.g., 2A or 3A). Avoid charging from low-power USB ports like some computer ports.        |
| Charger or battery feels warm during charging. | Normal operation.                                | A slight warmth is normal during charging. If it becomes excessively hot or emits smoke/odor, disconnect immediately and cease use.           |

## Specifications

| Feature            | Detail  |
|--------------------|---|
| Battery Type       | Lithium-Ion   |
| Battery Voltage    | 3.7V  |
| Battery Capacity   | 1400mAh (5.2Wh)   |
| Charger Input      | 5V 2-3A 15W (Micro-USB & Type-C)  |
| Charger Output     | 4.2V 800mA (x1) / 800mA (x2)  |
| Charger Dimensions | 5.24" x 3.07" x 0.79" (approx. 13.3 x 7.8 x 2 cm)                                       |
| Charger Weight     | Approx. 3 oz (85g)  |
| Model Number       | CH-LTD2-3B-K7006-L  |
| Compatible Cameras | Kodak PixPro FZ51 (KDK-FZ-51BL), PixPro FZ52, PixPro FZ53, PixPro SL5 Smart Lens Camera |

## Warranty and Support

Kastar products are designed for reliability and performance. This product comes with an **18-month warranty** from the date of purchase, covering manufacturing defects.

For technical support, warranty claims, or any questions regarding your Kastar product, please contact Kastar customer service. Refer to the contact information provided on the product packaging or the official Kastar website for the most up-to-date support details.

You can visit the official Kastar store on Amazon for more information: [Kastar Amazon Store](#)