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› Kastar Q120 Battery and LTD2 USB Charger Instruction Manual

Kastar CH-LTD2-4B-Q120

Kastar Q120 Battery and LTD2 USB Charger Instruction Manual

Model: CH-LTD2-4B-Q120

INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your Kastar Q120 Lithium-Ion batteries and LTD2 USB dual charger. This kit is designed to provide reliable power for compatible cameras and recorders.

The Kastar Q120 batteries are Lithium-Ion with a 3.7V voltage and 2300mAh capacity. The LTD2 charger features dual charging slots, an intelligent LED display for charging status, and versatile input options including Micro-USB and Type-C.

Compatible Devices:

- Minolta MN35Z FHD Bridge Camera
- Zoom Q8 Recorder Camera
- Zoom Q8N Recorder Camera
- Bell & Howell B35HDZ Camera

SETUP

Charging the Batteries

1. Insert one or two Kastar Q120 batteries into the charging slots of the LTD2 USB dual charger. Ensure the battery contacts align correctly with the charger pins.
2. Connect the charger to a power source using either a Micro-USB cable or a Type-C cable. Compatible power sources include laptops, AC adapters, car chargers, or power banks. The charger input is 5V 2-3A 15W.
3. The intelligent LED display on the charger will indicate the charging status and battery capacity for each channel. Refer to the indicator status table below for details.
4. Once charging is complete, the LED indicators will show a full charge. Disconnect the charger from the power source and remove the batteries.



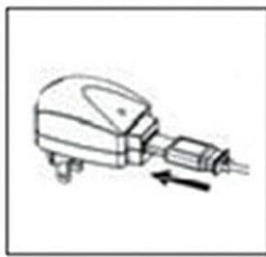
Charing?

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

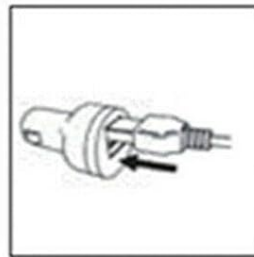
Ultra Slim,
Dimension:
5.24" x 3.07" x 0.79"
Ultra Light,
Weight: 3 Oz



Laptop



AC Adapter

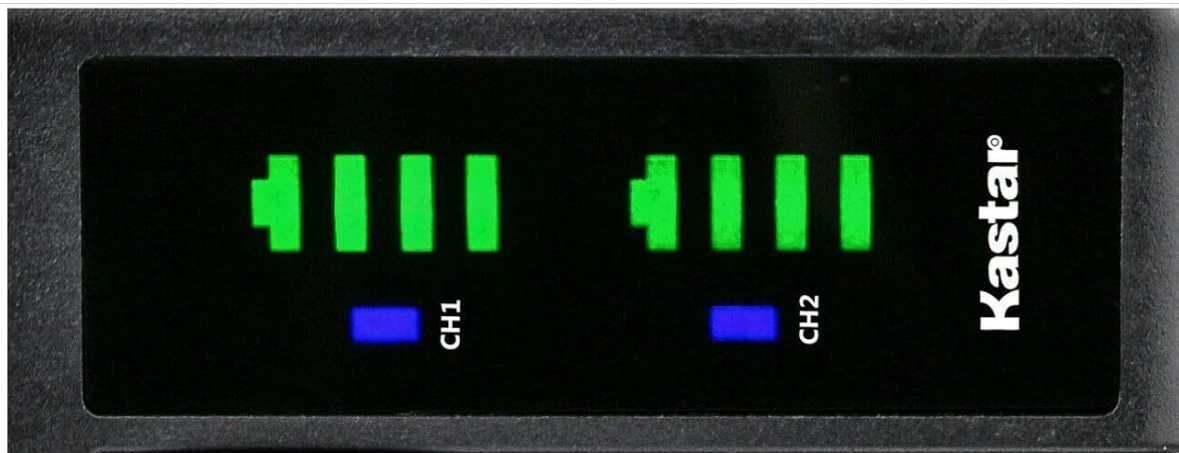


Car Charger



Power Bank

Image: Kastar LTD2 USB Dual Charger showing its Micro-USB and Type-C input ports, along with its compact dimensions (5.24" x 3.07" x 0.79").



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

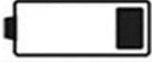
Indicator Status	Power Ratio	Statements
	No power	No power
	6%---25%	One LED on
	26%---50%	Two LED on
	51%--75%	Three LED on
	76%---100%	Four LED on

Image: Kastar LTD2 USB Dual Charger's LED display, illustrating how the indicator bars correspond to battery charge levels (0%, 6-25%, 26-50%, 51-75%, 76-100%).

OPERATING

Installing Batteries in Your Device

1. Ensure your camera or recorder is powered off before installing or removing batteries.
2. Locate the battery compartment on your device.
3. Insert the fully charged Kastar Q120 battery into the compartment, ensuring it is oriented correctly according to the device's markings.
4. Close the battery compartment securely.
5. Power on your device to confirm proper installation.



Image: A single Kastar Q120 Lithium-Ion battery, showing its contact points.

Important Usage Considerations

While Kastar Q120 batteries are designed for compatibility, it is crucial to monitor their performance, especially during extended use. Some users have reported that these batteries can generate more heat than original equipment manufacturer (OEM) batteries in certain devices, potentially leading to device shutdown or other issues. If you experience excessive heat or unexpected device behavior, discontinue use immediately and consider using OEM batteries for your specific device model.

MAINTENANCE

- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Avoid storing fully charged or completely depleted batteries for long periods. A charge level of approximately 50% is ideal for long-term storage.
- **Cleaning:** Periodically clean the battery contacts and charger pins with a dry, soft cloth to ensure optimal connection and prevent corrosion.
- **Disposal:** Lithium-Ion batteries should be disposed of responsibly. Do not dispose of them in household waste. Consult your local regulations for proper battery recycling and disposal options.
- **Charger Care:** Keep the charger clean and free from dust. Avoid dropping the charger or exposing it to moisture.

TROUBLESHOOTING

Battery not charging:

Ensure the charger is properly connected to a working power source. Check the Micro-USB or Type-C cable for damage. Verify that the batteries are correctly inserted into the charger slots and that the LED indicators respond.

Battery not powering device:

Confirm the battery is fully charged. Ensure the battery is correctly inserted into the device's battery compartment. Check the device's battery contacts for any obstructions or damage. Test with an OEM battery if available to rule out device issues.

Batteries or device overheating:

If the batteries or your device become excessively hot during use, immediately power off the device and remove the battery. Allow components to cool down. Overheating can indicate incompatibility or a faulty battery. Discontinue use of the Kastar battery if overheating persists and consider using an OEM battery.

Charger LED indicators not working:

Check the power connection and cable. Try a different power source or cable. If the issue persists, the charger may be faulty.

SPECIFICATIONS

Feature	Specification
Battery Type	Lithium-Ion
Battery Voltage	3.7V
Battery Capacity	2300mAh
Charger Input	5V 2-3A 15W (Micro-USB, Type-C)
Charger Output	8.4V/4.2V 800mA (x1) 800mA (x2)
Charger Dimensions	5.24 x 3.07 x 0.79 inches
Charger Weight	Approx. 3 oz
Product Dimensions (Overall)	3 x 3 x 4 inches
Item Weight (Overall)	9.4 ounces
Model Number	CH-LTD2-4B-Q120

WARRANTY

Kastar products typically come with an 18-month warranty. For specific warranty terms and conditions, including coverage and claims procedures, please refer to the documentation included with your purchase or contact Kastar customer support directly. Proof of purchase may be required for warranty service.

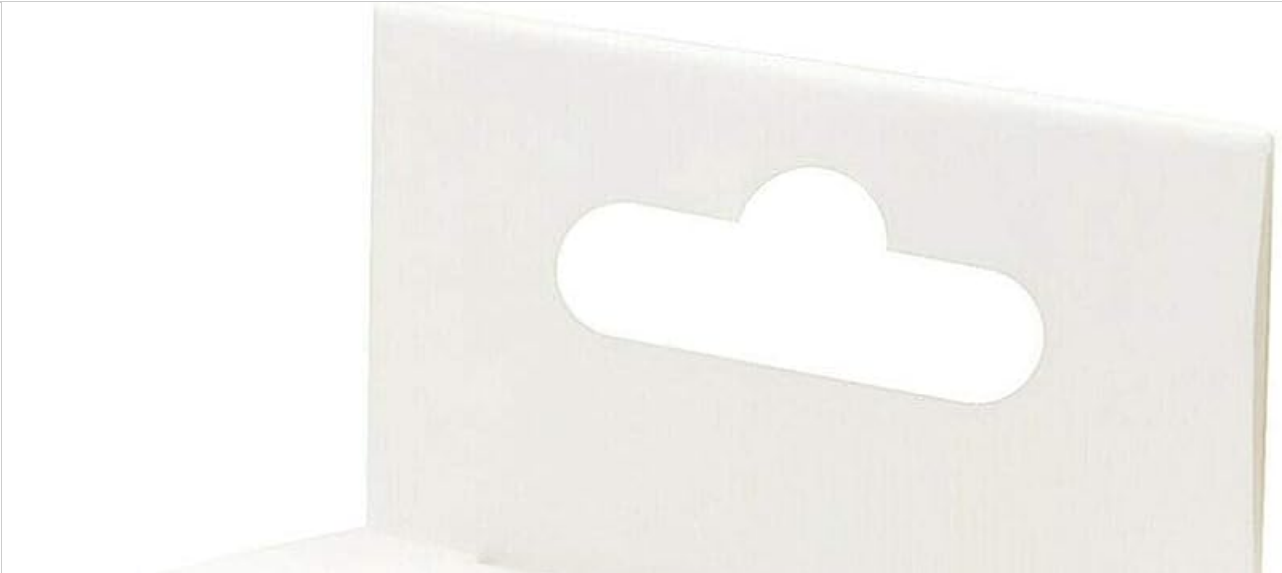




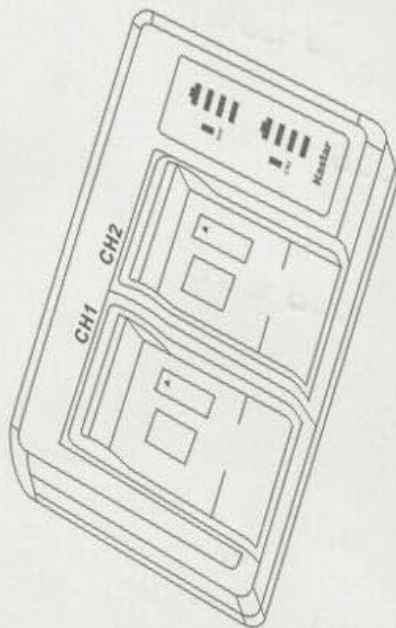
Image: Packaging for Kastar camera battery, indicating 18 months warranty.



Kastar®
Convenience of Life



LED Dual Charger For
Camera & Camcorder Battery



Help us Improve!

Dear customer,

Thanks for you purchasing from us!
We would be happy to hear your opinion
about the product. What is good. What
can be better. Please share your thoughts.
They will help us improve.
Please visit: www.mykastar.com

Image: Packaging for Kastar LED Dual Charger, also indicating 18 months warranty.

For further assistance, technical support, or to inquire about replacement parts, please contact Kastar customer service. You can often find contact information on the product packaging or by visiting the official Kastar website. You may also visit the [Kastar Store on Amazon](#) for additional product information and support resources.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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