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› Kastar Intelligent Mini Travel Charger (Model TUA-MOB-LCD) User Manual

## Kastar TUA-MOB-LCD

# Kastar Intelligent Mini Travel Charger (Model TUA-MOB-LCD) User Manual

## 1. INTRODUCTION

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This manual provides detailed instructions for the safe and efficient use of your Kastar Intelligent Mini Travel Charger (Model TUA-MOB-LCD). This universal charger is designed to charge various Li-ion batteries and devices via its integrated USB port. Please read this manual thoroughly before operation and retain it for future reference.

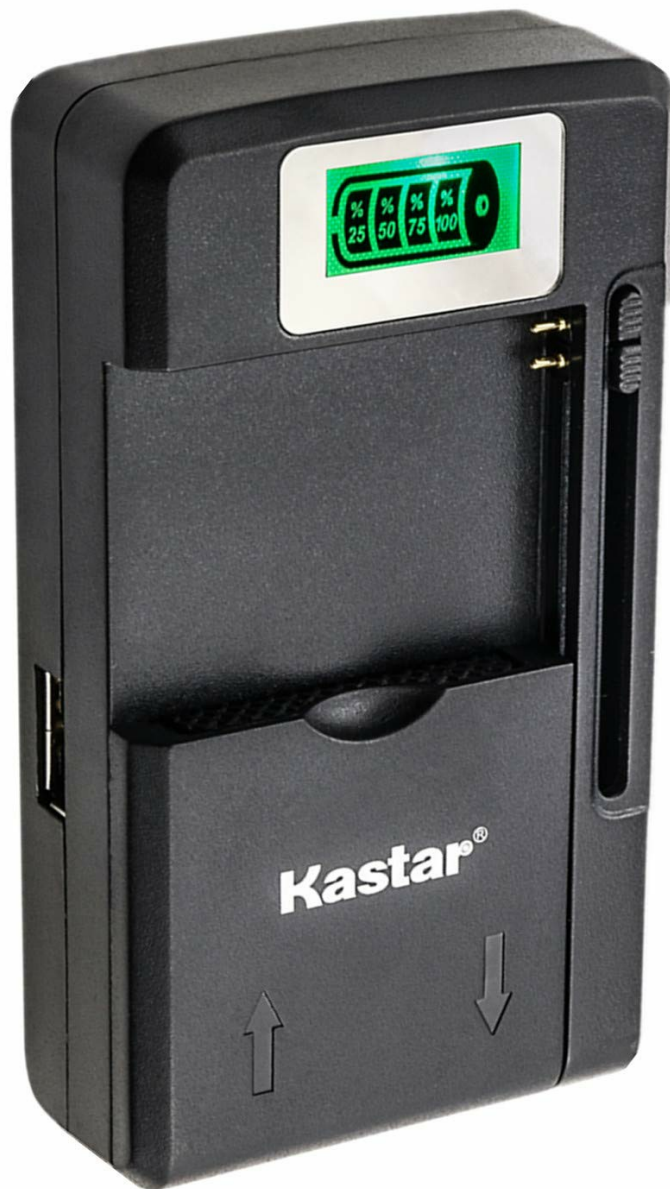


Image 1.1: Front view of the Kastar Intelligent Mini Travel Charger, showing the product label with input/output specifications and safety warnings.

## 2. SAFETY INFORMATION

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

- **WARNING:** To reduce the risk of electric shock, do not remove the cover or back of the unit.
- To prevent fire or shock hazard, do not expose the unit to rain or moisture.
- There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Do not short-circuit the charging contacts.
- Do not attempt to charge non-rechargeable batteries.
- Keep out of reach of children.
- Unplug the charger from the power outlet when not in use.

### 3. PRODUCT FEATURES

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- **Universal Charging:** Supports AC 100–240V input, features a fold-out US plug, and includes a high-speed USB port for simultaneous dual charging.
- **LCD Display:** Provides real-time battery charging status (25%, 50%, 75%, 100%) for clear monitoring.
- **Multi-Protection:** Integrated Safety IC protects against overcharge, overheating, short-circuit, and overcurrent.
- **Wide Compatibility:** Charges various camera batteries, Li-ion battery types, and smartphones via the USB port.
- **Compatibility Warning:** Designed only for batteries with exposed side-edge contacts. Not compatible with batteries featuring recessed pins, USB-charged batteries, or specific connector layouts.

### 4. PACKAGE CONTENTS

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- Kastar Intelligent Mini Travel Charger (Model TUA-MOB-LCD)
- *Note: A USB charging cable for your specific device is not included and must be supplied by the user.*

### 5. SETUP

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#### 5.1 Identifying Battery Contacts

Before inserting a battery, locate the positive (+) and negative (-) contacts on your battery. The Kastar charger automatically recognizes polarity, so the orientation of the battery contacts to the charger pins does not matter, as long as they make contact.



Image 5.1: A battery inserted into the charger, illustrating the positive and negative terminals on the battery. The charger automatically detects polarity.

## 5.2 Adjusting Charger Pins

The charger features adjustable pins to accommodate various battery sizes. Slide the movable part of the charger to align the two metal pins with the positive and negative contacts on your battery. Ensure a firm connection.



Image 5.2: Diagram illustrating the adjustable range of the charger pins, from a minimum of 1 1/4 inches to a maximum of 2 3/8 inches.



Look at your battery, there are one mark "+" positive and one mark "-" negative fit them (not other contact) to the two pins.  
The positive and negative are automatically recognized by Kastar intelligent charger, it doesn't matter which contact on positive and which contact negative

Image 5.3: Side view of the charger with a battery correctly inserted, showing the pins making contact with the battery terminals.

## 6. OPERATING INSTRUCTIONS

### 6.1 Charging a Battery

1. Ensure the battery is compatible (exposed side-edge contacts).
2. Align the charger's pins with the battery's positive (+) and negative (-) contacts. The charger automatically detects polarity.
3. Insert the battery firmly into the charger, ensuring good contact.
4. Fold out the US plug and insert the charger into a standard AC 100-240V wall outlet.
5. The LCD display will show the charging status (25%, 50%, 75%, 100%).
6. Once the battery is fully charged (100% displayed), remove the charger from the outlet and then remove the battery.

### 6.2 Using the USB Charging Port

The charger includes a high-speed USB port for charging smartphones and other USB-powered devices.

1. Connect your USB device (e.g., smartphone) to the USB port on the side of the charger using your device's USB cable.
2. Insert the charger into a standard AC 100-240V wall outlet.
3. Your device will begin charging. The USB port can be used simultaneously with battery charging.



Image 6.1: The Kastar charger plugged into a wall outlet, simultaneously charging a smartphone via its USB port.

## 7. MAINTENANCE

- Keep the charger clean and dry. Use a soft, dry cloth to wipe the exterior.
- Avoid exposing the charger to extreme temperatures, direct sunlight, or high humidity.
- Do not use abrasive cleaners or solvents.
- Store the charger in a cool, dry place when not in use.

## 8. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                                      | Possible Cause                                                                     | Solution                                                                                                                                                                                                             |
|----------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Charger not powering on / LCD not displaying | No power from outlet; loose connection; faulty charger.                            | Check wall outlet with another device. Ensure charger is firmly plugged in. If issue persists, the charger may be faulty.                                                                                            |
| Battery not charging                         | Incorrect battery insertion; dirty contacts; incompatible battery; faulty battery. | Re-insert battery, ensuring pins make firm contact with battery terminals. Clean battery and charger contacts. Verify battery compatibility (exposed side-edge contacts). Test with a different battery if possible. |
| USB device not charging                      | Faulty USB cable; incompatible device; device requires more power than supplied.   | Try a different USB cable. Ensure the device is compatible with standard USB charging. Some high-power devices may charge slowly or not at all.                                                                      |

If troubleshooting steps do not resolve the issue, please contact Kastar customer support.

## 9. SPECIFICATIONS

|                          |                                                                     |
|--------------------------|---------------------------------------------------------------------|
| Brand                    | Kastar                                                              |
| Model Number             | TUA-MOB-LCD                                                         |
| Input Voltage            | AC 100-240V                                                         |
| Output Voltage (Battery) | DC 4.2V                                                             |
| Output Current (Battery) | 800mA                                                               |
| Output Voltage (USB)     | DC 5.2V                                                             |
| Output Current (USB)     | 1300mA                                                              |
| Product Dimensions       | 4.1"D x 2.3"W x 1"H                                                 |
| Item Weight              | 2.4 ounces                                                          |
| Compatible Devices       | Camera batteries, Li-ion batteries, USB devices (e.g., smartphones) |

## 10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Kastar website or contact their customer service directly. Keep your purchase receipt as proof of purchase.  
You can visit the [Kastar Store on Amazon](#) for more information.

### 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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### 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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