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Kastar CH-LTD2-3B-V22U-6

Kastar 3-Pack Battery and Smart USB Charger Instruction Manual

Model: CH-LTD2-3B-V22U-6

Introduction

This manual provides essential instructions for the safe and efficient use of your Kastar 3-Pack Battery and Smart USB Charger. This product is designed to provide reliable power for compatible JVC GR-AX series camcorders. Please read this manual thoroughly before use and retain it for future reference.

Safety Information

- Do not disassemble, crush, or puncture the batteries or charger.
- Avoid exposing batteries or charger to water, fire, or high temperatures.
- Use only the provided charger or a compatible Kastar charger for these batteries.
- Keep batteries and charger away from children.
- Dispose of batteries according to local regulations. Do not dispose of in household waste.
- If a battery shows signs of damage, swelling, or leakage, discontinue use immediately.

Package Contents

- 3 x Kastar Rechargeable Batteries (6.0V, 4200mAh)
- 1 x Kastar Smart USB Charger
- 1 x Micro USB Cable



Image: The complete package contents, including the smart USB charger, three batteries, and a USB charging cable.

Product Overview

Kastar Smart USB Charger

The Kastar Smart USB Charger features dual charging slots, allowing two batteries to be charged simultaneously. It includes an LED indicator to display charging status and battery capacity. The charger supports multiple input options for convenience.

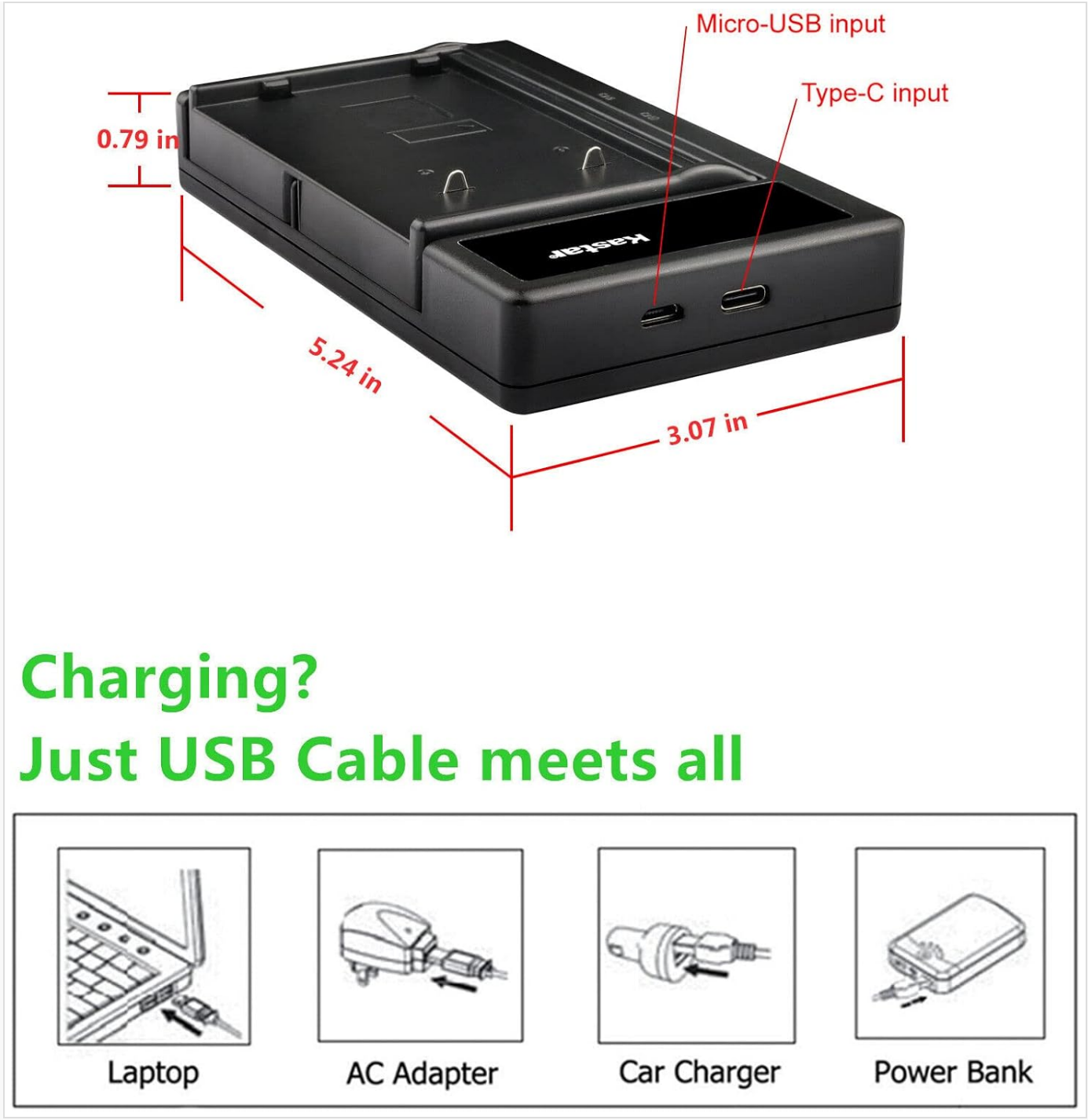


Image: Top view of the Kastar Smart USB Charger, highlighting its Micro-USB and Type-C input ports, along with approximate dimensions.

Kastar Rechargeable Battery

These Lithium-Ion batteries are designed as replacements for specific JVC camcorder models, offering a capacity of 4200mAh at 6.0V for extended use.



Image: A single Kastar Ni-MH battery pack, showing its label with model compatibility and specifications.

Setup and Charging

1. **Connect the Charger:** Use the provided Micro USB cable to connect the charger to a power source. The charger supports 5V 2-3A 15W input. Compatible power sources include:
    - Laptop USB port
    - AC Adapter (USB wall charger)
    - Car Charger (USB car adapter)
    - Power Bank

    The charger has both Micro-USB and Type-C input ports for versatility.
2. **Insert Batteries:** Carefully insert one or two Kastar batteries into the charging slots of the charger. Ensure the battery is correctly oriented.
3. **Monitor Charging Status:** The intelligent LED display on the charger will indicate the charging status and battery capacity.

Operating the Charger

LED Indicator Status

The charger's LED display provides visual feedback on the battery's charge level:



Kastar Intelligent LCD Dual charger: Displays each Chanel 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: A table illustrating the LED indicator status on the Kastar charger, showing power ratio percentages and corresponding LED patterns.

Indicator Status	Power Ratio	Statements
Empty battery icon	No power	No power
Battery icon with one bar	6% - 25%	One LED on
Battery icon with two bars	26% - 50%	Two LEDs on
Battery icon with three bars	51% - 75%	Three LEDs on
Full battery icon	76% - 100%	Four LEDs on

Once the batteries are fully charged, the LED indicator will show a full battery icon. Remove the batteries from the

charger and disconnect the charger from the power source.

Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the charger and batteries. Do not use liquid cleaners or solvents.
- **Storage:** Store batteries and charger in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge batteries to approximately 50% capacity.
- **Battery Care:** Avoid completely discharging batteries frequently, as this can reduce their lifespan. Recharge batteries before they are fully depleted.

Troubleshooting

- **Charger not powering on:**
  - Ensure the USB cable is securely connected to both the charger and the power source.
  - Verify the power source is active and providing sufficient power (5V 2-3A).
  - Try a different USB cable or power source.
- **Batteries not charging:**
  - Ensure batteries are correctly inserted into the charger slots.
  - Check if the battery contacts are clean and free of debris.
  - If a battery is severely depleted, it may take a few minutes for the charger to recognize it.
  - If the battery is old or damaged, it may no longer hold a charge.
- **Short battery life:**
  - Ensure batteries are fully charged before use.
  - Battery capacity naturally degrades over time and with usage cycles.
  - Operating in extremely cold environments can temporarily reduce battery performance.

Specifications

- **Battery Type:** Lithium-Ion
- **Battery Voltage:** 6.0V
- **Battery Capacity:** 4200mAh
- **Charger Input:** 5V 2-3A 15W (Micro-USB, Type-C)
- **Charger Output:** 6.0V 800mA
- **Product Dimensions:** Approximately 3 x 3 x 4 inches (package dimensions, actual charger/battery dimensions may vary slightly)
- **Item Weight:** Approximately 2.81 pounds (total package)
- **Model Number:** CH-LTD2-3B-V22U-6

Compatibility

Compatible Battery Models:

BN-V11U, BN-V12U, BN-V14U, BN-V15U, BN-V18U, BN-V20U, BN-V22U, BN-V24U, BN-V25U, BN-V400U, BN-V60U, BN-V65

Compatible JVC Camcorder Models (GR-AX Series):

GR-1U, GR-323U, GR-AS-X760U, GR-AW1, GR-AW1U, GR-AX1010, GR-AX1010U, GR-AX10, GR-AX10U, GR-AX17, GR-AX17U, GR-AX100, GR-AX110, GR-AX150, GR-AX2, GR-AX2U, GR-AX200, GR-AX200U, GR-AX201U, GR-AX202U, GR-AX210, GR-AX210U, GR-AX220U, GR-AX230U, GR-AX25, GR-AX250, GR-AX255, GR-AX25U, GR-AX26U, GR-AX270, GR-AX30, GR-AX30U, GR-AX300U, GR-AX310, GR-AX310U, GR-AX33, GR-AX33U, GR-AX34U, GR-AX35, GR-AX35U, GR-AX350U, GR-AX37, GR-AX37U, GR-AX400, GR-AX400U, GR-AX401U, GR-AX404U, GR-AX410, GR-AX410U, GR-AX420U, GR-AX424U, GR-AX430U, GR-AX46U, GR-AX47U, GR-AX5, GR-AX5EG, GR-AX5U, GR-AX50U, GR-AX500, GR-AX500U, GR-AX510U, GR-AX55, GR-AX55U, GR-AX570, GR-AX60, GR-AX606U, GR-AX610U, GR-AX640U, GR-AX650U, GR-AX655, GR-AX655U, GR-AX7U, GR-AX70, GR-AX70U, GR-AX700U, GR-AX710U, GR-AX720, GR-AX720U, GR-AX730U, GR-AX74U, GR-AX75U, GR-AX750U, GR-AX76U, GR-AX760U, GR-AX761U, GR-AX77U, GR-AX7EG, GR-AX80, GR-AX800, GR-AX800U, GR-AX808U, GR-AX810U, GR-AX820U, GR-AX820US, GR-AX830U, GR-AX84U, GR-AX840U, GR-AX841U, GR-AX880, GR-AX880US, GR-AX890, GR-AX890U, GR-AX890US, GR-AX9U, GR-AX90, GR-AX900U, GR-AX910, GR-AX910U, GR-AX911U, GR-AX920, GR-AX920U, GR-AX930U, GR-AX94, GR-AX94U, GR-AX940U, GR-AX95, GR-AX96U, GR-AX97U, GR-AX970U, GR-AXM1U, GR-AXM10U, GR-AXM100U, GR-AXM1010U, GR-AXM151US, GR-AXM17US, GR-AXM18US, GR-AXM2U, GR-AXM20U, GR-AXM210U, GR-AXM220U, GR-AXM225U, GR-AXM230U, GR-AXM231U, GR-AXM241U, GR-AXM250U, GR-AXM25U, GR-AXM270U, GR-AXM30U, GR-AXM300U, GR-AXM310U, GR-AXM341U, GR-AXM4U, GR-AXM40U, GR-AXM50U, GR-AXM51U, GR-AXM500, GR-AXM510U, GR-AXM511U, GR-AXM600U, GR-AXM650U, GR-AXM670U, GR-AXM70U, GR-AXM700U, GR-AXM710U, GR-AXM740U, GR-AXM745U, GR-AXM750U, GR-AXM750US, GR-AXM755US, GR-AXM80U, GR-AXM88UM, GR-AXM800U, GR-AXM900U, GR-AXM910U

Warranty and Support

For warranty information or technical support, please contact Kastar customer service. Refer to the product packaging or the official Kastar website for contact details.
Manufacturer: Kastar

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