

Kastar CH-LTD2-0B-V22U-26

Kastar Smart USB Battery Charger Instruction Manual

Model: CH-LTD2-0B-V22U-26

INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your Kastar Smart USB Battery Charger. Please read this manual thoroughly before using the product and retain it for future reference. This charger is designed to provide reliable power for compatible Panasonic camcorder batteries.

PRODUCT OVERVIEW

The Kastar Smart USB Battery Charger is a compact and versatile charging solution. It features intelligent LED indicators and multiple input options for convenience.

- **Easy to carry:** Compact design for portability.
- **Intelligent LED Display:** Shows charging status and battery capacity.
- **Multiple Charging Options:** Supports Micro-USB and Type-C input.
- **Package Includes:** 1 Charger.



Figure 1: Front view of the Kastar Smart USB Battery Charger.

SETUP

Before first use, ensure all packaging materials are removed. The charger is designed for simple plug-and-play operation.

1. **Connect Power:** Use the provided Micro USB cable or a Type-C cable (not included) to connect the charger to a power source. Compatible power sources include laptops, AC adapters, car chargers, or power banks.
2. **Power Input:** The charger accepts 5V 2-3A (15W) input. Ensure your power source meets these specifications for optimal charging.



Charging? Just USB Cable meets all

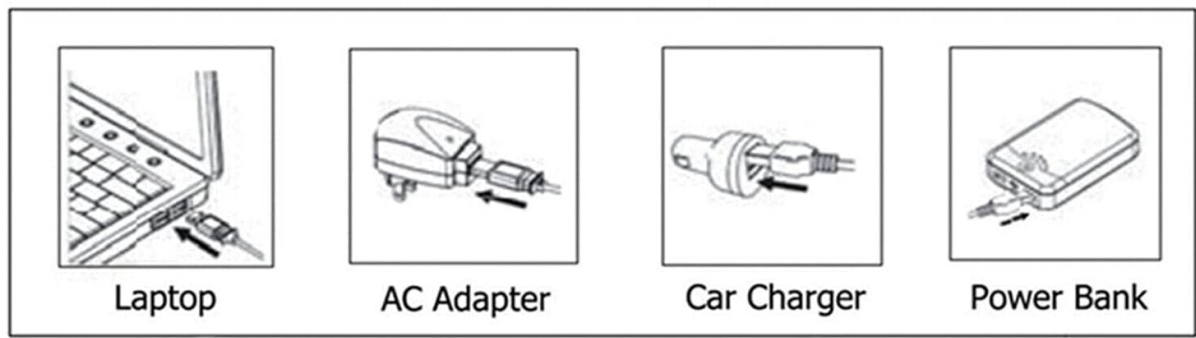


Figure 2: Charger showing Micro-USB and Type-C input ports, and various compatible power sources.

OPERATING INSTRUCTIONS

Follow these steps to charge your compatible batteries:

1. **Insert Battery:** Carefully insert one or two compatible batteries into the charging slots. Ensure the battery is correctly oriented according to the charger's markings.
2. **Monitor Charging Status:** The intelligent LED display will illuminate to show the charging status for each channel and the current battery capacity.
3. **Charging Completion:** Once the battery is fully charged, the LED indicator will show a full battery icon. Disconnect the charger from the power source and remove the charged batteries.

LED Indicator Status

Refer to the table below for interpreting the LED display:



Kastar Intelligent LCD Dual charger: Displays each Chanel charging status and battery capacity

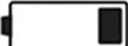
Indicator Status	Power Ratio	Statements
	No power	No power
	6%---25%	One LED on
	26%---50%	Two LED on
	51%--75%	Three LED on
	76%---100%	Four LED on

Figure 3: Detailed explanation of the LED indicator status and corresponding power ratio.

LED Indicator Status Guide

Indicator Status	Power Ratio	Statements
Empty Battery Icon	No power	No power
Battery Icon with 1 bar	6%---25%	One LED on
Battery Icon with 2 bars	26%---50%	Two LED on
Battery Icon with 3 bars	51%---75%	Three LED on
Full Battery Icon with 4 bars	76%---100%	Four LED on

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your charger.

- **Cleaning:** Use a soft, dry cloth to clean the charger. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Handling:** Avoid dropping the charger or subjecting it to strong impacts.
- **Moisture:** Keep the charger away from water and high humidity.

TROUBLESHOOTING

If you encounter issues with your charger, refer to the following common problems and solutions:

- **Charger not powering on:**
 - Ensure the USB cable is securely connected to both the charger and the power source.
 - Verify that the power source (e.g., USB port, AC adapter) is functional.
 - Try a different USB cable or power source.
- **Battery not charging:**
 - Confirm the battery is correctly inserted into the charging slot with proper polarity.
 - Check if the battery is compatible with this charger (refer to the Compatibility section).
 - The battery might be faulty or at the end of its lifespan. Try charging a different battery if available.
- **LED indicator not displaying correctly:**
 - Ensure the charger is receiving adequate power.
 - If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	CH-LTD2-0B-V22U-26
Input Voltage	5V
Input Current	2-3A (15W)
Output Voltage	6.0V
Output Current	800mA
Product Dimensions	3 x 1.5 x 4 inches
Item Weight	3 ounces
Manufacturer	Kastar
UPC	605832460932

COMPATIBILITY

This Kastar Smart USB Battery Charger is designed as a replacement for various Panasonic battery and camcorder models. Please verify your model against the lists below:

Compatible Battery Models:

- Panasonic: BP-12, BP-15, BP-17, BP-18, HHR-V20A/1B, HHR-V214A/K, HHR-V40A/1B, PV-213A, PV-214A, PV-215A, PV-B18, PV-BP15, PV-BP17, VW-VBH1E, VW-VBH2E, VW-VBR1E, VW-VBR2E, VW-VBS1, VW-VBS1E, VW-VBS2, VW-VBS2E

Compatible Camcorder Models:

- Panasonic: HHR-V60A, PV-IQ375, LC-1, NV-3CCD1, NV-61, NV-63, NV-A1/E, NV-A3/E, NV-ALEN, NV-CS1/E, NV-CSLEN, NV-G1, NV-G101, NV-G101A, NV-G120, NV-G2, NV-G200, NV-G202, NV-G202A, NV-G220, NV-G3, NV-G303, NV-G3A, NV-M810, NV-M810PX, NV-MS70, NV-MS95, NV-MS950, NV-MS95A, NV-R00PN, NV-R10/E, NV-R100, NV-R11, NV-R200, NV-R30E, NV-R33, NV-R500, NV-R500EN, NV-R500EW, NV-R50E, NV-R65E, NV-RJ16, NV-RJ17, NV-RJ26, NV-RJ27, NV-RJ36, NV-RJ46, NV-RJ47, NV-RJ56, NV-RJ67, NV-RX11EG, NV-RX1EG, NV-RX22EG, NV-RX33EG, NV-RX5EG, NV-RX66EG, NV-RX7EG, NV-RXTEN, NV-S1, NV-S10, NV-S100, NV-S1A, NV-S2, NV-S20, NV-S200, NV-S250, NV-S4, NV-S5, NV-S500, NV-S500EN, NV-S58, NV-S5A, NV-S5B, NV-S5E, NV-S5EC, NV-S6, NV-S600, NV-S600EN, NV-S65E, NV-S6A, NV-S6B, NV-S6E, NV-S7, NV-S70, NV-S700, NV-S750, NV-S78, NV-S8, NV-S800, NV-S85/E, NV-S850, NV-S850EN, NV-S88E, NV-S8A, NV-S950PN, NV-S99, NV-SX30EG, NV-SX50EG, NV-V10E, NV-VJ57, NV-VJ66, NV-VJ77, NV-VJ78, NV-VJ98, NV-VX33EG, NV-VX55EG, PV-10, PV-10B, PV-10PX, PV-14, PV-17, PV-18, PV-19, PV-20, PV-21, PV-22, PV-31, PV-32, PV-332, PV-333, PV-362, PV-40, PV-41, PV-42, PV-43, PV-50, PV-53, PV-5372, PV-559, PV-5630, PV-A206, PV-A207, PV-A286, PV-A306, PV-A307, PV-D1000, PV-D326, PV-D406, PV-D407, PV-D506, PV-D507, PV-D607, PV-D705, PV-IQ203, PV-IQ205, PV-IQ244D, PV-IQ303, PV-IQ305, PV-IQ306, PV-IQ325, PV-IQ403, PV-IQ404, PV-IQ404A, PV-IQ405, PV-IQ503, PV-IQ504, PV-IQ505, PV-IQ525, PV-L352, PV-L353, PV-L354, PV-L453, PV-L552, PV-L557, PV-L606, PV-L657, PV-L659, PV-L757, PV-L857, PV-S332, PV-S372, PV-S43, PV-S53, PV-S62, PV-S63, PV-S630, PV-S64, PV-S72, PV-S770A, VZ-LDS15, XM-D1BK

WARRANTY AND SUPPORT

Kastar products are manufactured to high-quality standards. For warranty information or technical support, please refer to the documentation included with your purchase or contact Kastar customer service directly. Keep your purchase receipt as proof of purchase.

For further assistance, you may visit the [Kastar Store on Amazon](#).