

Kastar BA-1B-D28-M

Kastar CGR-D28 Battery Replacement User Manual

Model: BA-1B-D28-M

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Kastar CGR-D28 Lithium-ion battery replacement. This high-capacity battery is designed to power compatible Panasonic and Hitachi cameras, ensuring extended operational time. Please read these instructions carefully before use.

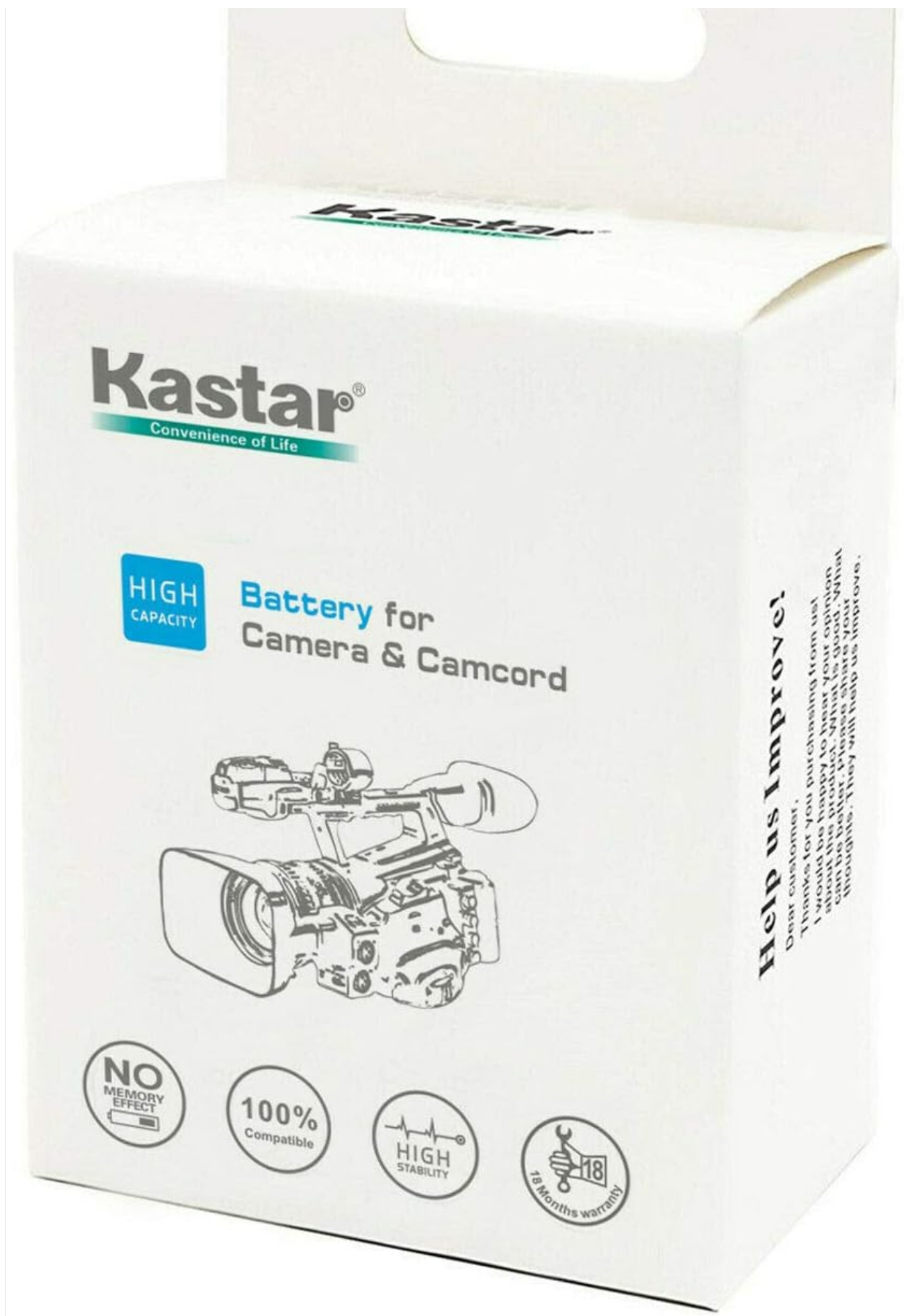


Image 1.1: Kastar CGR-D28 Lithium-ion Battery Pack. This image displays the front view of the battery pack, labeled "Li-ion BATTERY PACK" with an arrow indicator.

2. PRODUCT FEATURES

- **High Capacity:** Designed to provide extended power for your camera, allowing for longer shooting sessions.
- **Specifications:** Lithium-ion battery type, 7.4V voltage, and 3300mAh capacity.
- **Safety Standards:** Meets UL1642 & CE safety standards, incorporating built-in over-charge, over-discharge, over-voltage, over-current, and over-heating protection circuits.
- **Durability:** Engineered for a longer cycle life due to quality components and protection features.





Help us Improve!
Dear customer,
Thanks for you purchasing from us!
I 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.

Image 2.1: Kastar CGR-D28 Battery Packaging. This image shows the retail box for the Kastar battery, highlighting features like "HIGH CAPACITY," "100% Compatible," and "HIGH STABILITY."

3. COMPATIBILITY

The Kastar CGR-D28 battery is compatible with a wide range of camera models and can be charged with specific charger models. Please verify your device's compatibility before use.

3.1. Compatible Battery Models

- Panasonic CGR-D08, CGA-D08, D08A/1B, D08R, D08S, CGR-D120, CGR-D120A/1B, CGR-D120E/1B
- Panasonic CGR-D16, CGA-D16, D16A/1B, D16R, D16S, CGR-D220, CGR-D220A/1B, CGR-D220E/1B
- Panasonic CGR-D28, CGA-D28, D28A/1B, D28R, D28S, CGR-D320, CGR-D320A/1B, CGR-D320E/1B, VW-VBD25
- Hatachi DZ-BP08, DZ-BP16, DZ-BP28

3.2. Compatible Charger Models

- Panasonic DE-A20, DE-A88C, VSK0581, AG-B23P

3.3. Compatible Camera Models

Panasonic:

- AG-3DA1, AG-AC90, AG-DV1, AG-DVC7, AG-DVC15, AG-DVC30, AG-DVC32, AG-DVC60, AG-DVC62, AG-DVC80, AG-DVX100, AG-DVX102, AG-DVX1000, AG-EZ50U, AG-HVX200
- NV-C1, NV-C2, NV-C3, NV-C5, NV-C7
- NV-D89, NV-DA1, NV-DB1, NV-DS3, NV-DS7, NV-DS8, NV-DS9, NV-DS11, NV-DS12, NV-DS15, NV-DS20, NV-DS25, NV-DS27, NV-DS28, NV-DS29, NV-DS30, NV-DS33, NV-DS35, NV-DS37, NV-DS38, NV-DS50, NV-DS55, NV-DS60, NV-DS65, NV-DS68, NV-DS77, NV-DS80, NV-DS88, NV-DS89, NV-DS99, NV-DS150, NV-DS200, NV-DS990
- NV-EX1, NV-EX3, NV-EX21
- NV-GS1, NV-GS3, NV-GS4, NV-GS5, NV-GS7, NV-GS11, NV-GS15, NV-GS33, NV-GX7
- NV-M20, NV-MD9000, NV-MG3, NV-MX1, NV-MX2, NV-MX3, NV-MX5, NV-MX7, NV-MX, NV-MX300, NV-MX340, NV-MX350, NV-MX500, NV-MX1000, NV-MX2000, NV-MX2500, NV-MX3000, NV-MX5000
- NV-RX11EG, NV-RX22EG, NV-RX33EG, NV-RX66EG
- PV-BP8, PV-DBP8
- PV-DC152, PV-DC252, PV-DC352
- PV-DV51, PV-DV52, PV-DV53, PV-DV73, PV-DV100, PV-DV101, PV-DV102, PV-DV103, PV-DV121, PV-DV151, PV-DV200, PV-DV201, PV-DV202, PV-DV203, PV-DV221, PV-DV351, PV-DV400, PV-DV401, PV-DV402, PV-DV600, PV-DV601, PV-DV602, PV-DV700, PV-DV701, PV-DV702, PV-DV710, PV-DV800, PV-DV801, PV-DV851, PV-DV852, PV-DV900, PV-DV901, PV-DV910, PV-DV951, PV-DV952, PV-DV953
- PV-GS2, PV-GS9, PV-GS11, PV-GS12, PV-GS13, PV-GS14, PV-GS15, PV-GS16
- PV-D401, PV-DBP8, PV-DVP8-A, PV-VM202
- VDR-M10, VDR-M20
- DZ-MX5000
- AJ-PCS060G (Portable Hard Disk)

Hitachi:

- DZ-MV100, DZ-MV200, DZ-MV208, DZ-MV100, DZ-MV238, DZ-MV250, DZ-MV270, VDR-M20

4. INSTALLATION

Follow these general steps to install the battery into your compatible camera:

1. **Locate Battery Compartment:** Identify the battery compartment on your camera. This is typically on the bottom or side of the camera body.
2. **Open Compartment:** Open the battery compartment cover. Some covers may have a latch or slide mechanism.
3. **Insert Battery:** Align the Kastar CGR-D28 battery with the compartment, ensuring the contacts on the battery match the contacts inside the camera. Insert the battery firmly until it clicks into place or is securely seated.
4. **Close Compartment:** Close the battery compartment cover securely. Ensure it is fully latched to prevent accidental opening during use.

Refer to your camera's specific user manual for detailed installation instructions if needed.

5. OPERATION

Once the battery is installed and charged, your camera is ready for operation. The battery provides power for all camera functions, including recording, playback, and display.

- **Power On/Off:** Use your camera's power button to turn the device on or off.
- **Battery Level Indicator:** Monitor the battery level indicator on your camera's screen or viewfinder to track remaining power.
- **Extended Use:** The high capacity of this battery allows for extended recording and usage times compared to standard batteries.

6. CHARGING AND MAINTENANCE

Proper charging and maintenance are crucial for maximizing the lifespan and performance of your Kastar CGR-D28 battery.

6.1. Charging Instructions

1. **Use Compatible Charger:** Always use a compatible charger (refer to Section 3.2) designed for CGR-D28 type batteries.
2. **Connect Battery:** Insert the battery into the charger, ensuring proper alignment of the contacts.
3. **Connect Charger:** Plug the charger into a power outlet. The charger's indicator light will typically show the charging status.
4. **Full Charge:** Allow the battery to charge completely. The indicator light will usually change color or turn off when charging is complete.
5. **Disconnect:** Once fully charged, disconnect the charger from the power outlet and remove the battery.

6.2. Battery Maintenance and Storage

- **Avoid Extreme Temperatures:** Do not expose the battery to extreme heat or cold. Store it in a cool, dry place away from direct sunlight.
- **Partial Charge for Storage:** For long-term storage, it is recommended to store Lithium-ion batteries with a partial charge (around 50%).
- **Clean Contacts:** Periodically clean the battery contacts with a dry, clean cloth to ensure good connection.
- **Avoid Short Circuits:** Do not short-circuit the battery terminals. Keep the battery away from metal objects.

7. TROUBLESHOOTING

If you encounter issues with your Kastar CGR-D28 battery, consider the following common troubleshooting steps:

- **Battery Not Charging:**
 - Ensure the charger is properly connected to a power source and the battery.
 - Verify that the charger is compatible with the CGR-D28 battery.
 - Check for any debris or corrosion on the battery and charger contacts.
- **Camera Not Powering On:**
 - Confirm the battery is fully charged and correctly inserted into the camera.
 - Ensure the battery compartment cover is securely closed.
 - Test with another known-good battery if available to rule out a camera issue.
- **Short Battery Life:**
 - Ensure the battery has been fully charged before use.
 - Operating the camera in extreme temperatures can reduce battery performance.
 - High power-consuming features (e.g., continuous recording, LCD brightness) will deplete the battery faster.

If problems persist, contact Kastar customer support for further assistance.

8. SPECIFICATIONS

Product Dimensions	1.42 x 2.1 x 2.37 inches
Item Weight	5.2 ounces
Item Model Number	BA-1B-D28-M
Battery Type	Lithium Ion
Battery Voltage	7.4V
Battery Capacity	3300 Milliamp Hours
Number of Batteries	1 Lithium Ion battery required (included)
Recommended Uses	Camera

9. SAFETY INFORMATION

The Kastar CGR-D28 battery is manufactured to meet stringent safety standards, including UL1642 and CE certifications. It incorporates multiple protection circuits to ensure safe operation:

- Over-charge protection
- Over-discharge protection
- Over-voltage protection
- Over-current protection
- Over-heating protection

Always handle batteries with care. Do not disassemble, puncture, or expose the battery to fire or water. Dispose of used batteries responsibly according to local regulations.

10. WARRANTY AND SUPPORT

Kastar is committed to providing high-quality products. This battery is designed for reliable performance and durability. For any questions, technical support, or warranty inquiries, please refer to the contact information provided with your purchase or visit the official Kastar website.

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.

Name

Anonymous

Email

you@example.com

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