

## Kastar BN-V11U

# Kastar BN-V11U Ni-MH Camcorder Battery User Manual

Model: BN-V11U | Brand: Kastar

## 1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and effective use of your Kastar BN-V11U Ni-MH Camcorder Battery. This high-capacity replacement battery is designed to power various JVC camcorder models, ensuring reliable performance for your recording needs.

The Kastar BN-V11U battery is compatible with a range of JVC camcorder batteries, including BN-V10U, BN-V11U, BN-V12U, BN-V14U, BN-V15, BN-V18U, BN-V22U, BN-V24U, and BN-V25U. It also supports JVC GR-series camcorders such as GR-1U, GR-323U, GR-AS-X760U, GR-AW1, GR-AW1U, GR-EX1, GR-EX7, GR-EZ1U, GR-S27, XM-D1BK, GR-AX, GR-AXM, GR-DV, GR-FX, GR-FXM, GR-LT, GR-M, and GR-SV models.

## 2. PRODUCT FEATURES

- **Battery Type:** Ni-MH (Nickel-Metal Hydride)
- **Battery Voltage:** 6.0V
- **Battery Capacity:** 2650 mAh (Milliampere-hour)
- **High Capacity:** Designed for extended recording times.
- **Compatibility:** Direct replacement for various JVC BN-V series batteries and compatible with numerous JVC GR-series camcorders.
- **Protective Case:** Includes a durable hard case for safe storage and transport.
- **Charge Indicator:** Features a manual switch to mark the battery as charged or empty for easy tracking.

## 3. SETUP

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### 3.1 Initial Charging

Before first use, fully charge the battery. Use a compatible Ni-MH battery charger designed for JVC BN-V series batteries. Refer to your charger's instruction manual for specific charging procedures.

### 3.2 Battery Installation

1. Ensure your camcorder is powered off.
2. Locate the battery compartment on your JVC camcorder.
3. Align the battery with the compartment's terminals.
4. Gently slide the battery into place until it clicks securely. Do not force the battery.
5. Close the battery compartment cover, if applicable.



Image of the Kastar BN-V11U Ni-MH camcorder battery.

### 3.3 Using the Protective Case

The battery comes with a clear, hard protective case. This case is designed to shield the battery from physical damage and short circuits during storage and transport.



## 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 of the Kastar BN-V11U Ni-MH camcorder battery stored in its protective case.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering Your Camcorder

Once the battery is correctly installed and charged, you can power on your camcorder as usual. The battery will provide power for recording, playback, and other camcorder functions.

### 4.2 Charge Indicator Switch

The battery features a small switch on its side or bottom. This switch allows you to manually indicate whether the battery is *charged* or *empty*. This is a helpful feature for managing multiple batteries, ensuring you always pick up a charged one.

- Slide the switch to one position to indicate 'Charged'.
- Slide the switch to the other position to indicate 'Empty' or 'Needs Charging'.

## 5. MAINTENANCE

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### 5.1 Charging Best Practices

- Always use a charger compatible with Ni-MH batteries and the specific voltage/capacity requirements.
- Avoid overcharging or deep discharging the battery, as this can reduce its lifespan.
- Charge the battery in a well-ventilated area, away from direct sunlight or extreme temperatures.

### 5.2 Storage

- When not in use for extended periods, store the battery in its protective hard case.
- Store batteries in a cool, dry place, ideally at room temperature (20-25°C or 68-77°F).
- Avoid storing batteries in extreme heat or cold, as this can degrade performance and lifespan.
- For long-term storage, it is recommended to store Ni-MH batteries with a partial charge (around 40-50%) rather than fully charged or completely depleted.

## 5.3 Cleaning

Keep the battery terminals clean. Use a dry, soft cloth to wipe away any dust or debris. Do not use liquid cleaners or abrasive materials.

## 6. TROUBLESHOOTING

### 6.1 Battery Not Charging

- Ensure the charger is properly connected to a power source and the battery.
- Verify that the charger is compatible with Ni-MH batteries and the BN-V11U model.
- Check for any visible damage to the battery or charger.
- Clean the battery terminals and charger contacts.

### 6.2 Short Battery Runtime

- Ensure the battery is fully charged before use.
- Battery capacity can decrease over time with repeated charge/discharge cycles. Consider replacing older batteries.
- Extreme temperatures can affect battery performance. Operate the camcorder within recommended temperature ranges.

### 6.3 Battery Not Fitting in Camcorder

- Double-check the compatibility list to ensure your camcorder model is supported.
- Ensure the battery is oriented correctly before attempting to insert it.

## 7. SPECIFICATIONS

| Feature            | Specification                   |
|--------------------|---------------------------------|
| Brand              | Kastar                          |
| Model Number       | BN-V11U                         |
| Battery Type       | Ni-MH (Nickel-Metal Hydride)    |
| Voltage            | 6.0V                            |
| Capacity           | 2650 mAh (15.9 Wh)              |
| Item Weight        | 0.634 ounces (approx. 18 grams) |
| Package Dimensions | 4.02 x 2.28 x 1.14 inches       |
| Recommended Use    | Camcorder                       |

## 8. SAFETY INFORMATION

**WARNING:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

- Do not short circuit the battery terminals.
- Keep the battery away from heat sources, open flames, and direct sunlight.
- Do not disassemble, crush, puncture, or modify the battery.
- Do not expose the battery to water or other liquids.
- Dispose of batteries properly according to local regulations. Do not dispose of in household waste.
- Keep out of reach of children.

## 9. WARRANTY AND SUPPORT

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Kastar products are manufactured to high-quality standards. For any questions, technical assistance, or warranty claims, please contact Kastar customer support. Refer to the product packaging or the official Kastar website for the most current contact information and warranty details.