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› NiMH 9.60V 2100mAh Compatible Battery for JVC and Panasonic Camcorders User Manual

PowerSmart NiMH 9.60V 2100mAh Compatible Battery

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Model: NiMH 9.60V 2100mAh Compatible Battery

INTRODUCTION

This manual provides essential information for the safe and effective use of your PowerSmart NiMH 9.60V 2100mAh compatible battery. This high-quality, rechargeable battery is designed as a replacement for a wide range of JVC, Panasonic, and other camcorder models, ensuring reliable power for your recording needs. Please read this manual thoroughly before first use to ensure optimal performance and longevity of your battery.



A black rectangular NiMH battery, designed for compatibility with various JVC and Panasonic camcorder models. The battery features a sleek, durable casing with connection points visible on the underside.

SETUP AND INSTALLATION

Before using the battery for the first time, it is recommended to fully charge it. Follow these steps for proper installation and initial setup:

- 1. Unpack the Battery:** Carefully remove the battery from its packaging. Inspect it for any visible damage.
- 2. Initial Charge:** Connect the battery to a compatible camcorder charger. Ensure the charger is plugged into a power source. Allow the battery to charge completely. The charging indicator on your camcorder or charger will typically show when charging is complete.
- 3. Install in Camcorder:** With the camcorder powered off, align the battery with the battery compartment. Gently slide or click the battery into place until it is securely seated. Refer to your camcorder's specific manual for detailed battery installation instructions.

4. **Verify Installation:** Power on your camcorder to confirm the battery is correctly installed and providing power.

OPERATING INSTRUCTIONS

To maximize the performance and lifespan of your NiMH battery, adhere to the following operating guidelines:

- **Charging:** Always use a charger compatible with NiMH batteries. Avoid overcharging, though modern chargers typically have protection mechanisms. It is best to charge the battery when it is fully discharged or nearly so, to prevent memory effect.
- **Discharging:** For optimal performance, allow the battery to fully discharge before recharging, especially during the first few cycles. This helps to condition the battery and maintain its capacity.
- **Temperature:** Operate the battery within recommended temperature ranges (typically 0°C to 45°C or 32°F to 113°F). Extreme temperatures can affect performance and battery life.
- **Regular Use:** NiMH batteries benefit from regular use. If storing for extended periods, partially charge them (around 40-50%) and store in a cool, dry place.

MAINTENANCE

Proper maintenance ensures the longevity and reliability of your battery:

- **Cleaning:** Keep the battery contacts clean using a dry, soft cloth. Dirty contacts can interfere with charging and power delivery. Do not use liquid cleaners.
- **Storage:** If the battery will not be used for an extended period (more than a month), store it in a cool, dry place away from direct sunlight and extreme temperatures. A charge level of approximately 40-50% is ideal for long-term storage.
- **Avoid Short Circuits:** Do not allow metal objects to come into contact with the battery terminals, as this can cause a short circuit and damage the battery.
- **Disposal:** Dispose of old or damaged batteries responsibly according to local regulations. Do not dispose of batteries in household waste or by incineration.

TROUBLESHOOTING

If you encounter issues with your battery, consider the following common problems and solutions:

- **Battery Not Charging:**
 - Ensure the charger is properly connected to a power source and the battery.
 - Check if the battery contacts on both the battery and the charger are clean and free of debris.
 - Verify that the charger is compatible with NiMH batteries and is functioning correctly.
- **Short Battery Life:**
 - Ensure the battery is fully charged before use.
 - Perform a few full discharge/recharge cycles to condition the battery.
 - Operating in extreme temperatures (too hot or too cold) can reduce battery life.
 - The battery may be nearing the end of its lifespan and require replacement.
- **Battery Not Fitting Correctly:**
 - Double-check the compatibility list to ensure this battery is designed for your specific camcorder model.
 - Ensure there are no obstructions in the battery compartment of your camcorder.

TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	PowerSmart
Battery Type	NiMH
Voltage	9.60 Volts
Capacity	2100 mAh (Milliampere-hour)
Amperage	7.5 A
Color	Black
Dimensions (L x W x H)	11.2 x 2.9 x 6.7 cm
Weight	340.20 g
Reusability	Rechargeable
Recommended Use	Camcorder
Product Condition	New, Non-Original
Compatible Part Numbers	BN-BP31, BN-V5GU, BN-V6GU, BN-V7GU, BN-V8GU, NB-P5U, NB-P6U, NB-P7U, NB-P8U, AG-40U, MC-50, NV-MV1
Compatible Camcorder Models	Extensive list including various JVC GR, GR-A, GR-C, GR-S series; Panasonic NV-M, NV-MC, NV-MS, PV series; Chinon C8-SL70, CVC-600; Hitachi VM-5000; JC Penney models; Magnavox VR series; Minolta C series; Mitsubishi HS-C series; Philips VKR series; Quasar VM, PS series; Sharp QC, VC, VL, VL-C series; Sylvania VCC series; Toshiba 3D-CAM, IK, AI, SK, SK-S series; Zenith HQ, VMG, VM series. For a complete list, please refer to the product's detailed compatibility specifications.

WARRANTY AND SUPPORT

Information regarding specific warranty terms for this PowerSmart battery is not provided in the product details. For any warranty claims, technical support, or inquiries about spare parts, please contact the manufacturer, PowerSmart, directly through their official support channels. It is advisable to retain your proof of purchase for any support requests.

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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

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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