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Synergy Digital SDBCS-H8069

Synergy Digital Ni-MH 6V 2100mAh Camcorder Battery User Manual

Model: SDBCS-H8069

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Synergy Digital Ni-MH 6V 2100mAh Camcorder Battery, Model SDBCS-H8069. Please read these instructions carefully before using the battery and retain them for future reference.

2. PRODUCT OVERVIEW

The Synergy Digital SDBCS-H8069 is an ultra-high capacity Ni-MH rechargeable battery designed for camcorders. It offers reliable power and is built with high-quality Japanese cells for long-lasting performance.



Image 2.1: Front view of the Synergy Digital Ni-MH 6V 2100mAh Camcorder Battery.

Key Features:

- **Battery Type:** Nickel-Metal Hydride (Ni-MH)
- **Voltage:** 6V
- **Capacity:** 2100mAh
- **Dimensions:** Approximately 1.81 x 3.52 x 0.75 inches (4.6 x 8.9 x 1.9 cm)
- **Weight:** Approximately 5.57 oz (158 g)
- Constructed with high-quality Japanese cells for durability.

Compatibility:

This battery is a compatible replacement for various camcorder batteries, including:

- Sanyo VMD1 Camcorder
- Sony NP-33, NP-55, NP-66, NP-66H, NP-68, NP-77, NP-98
- ONeil 550041-100, ONeil DR10



Image 2.2: Bottom view of the battery, displaying the model number SDBCS-H8069 and caution information.

3. SETUP

3.1 Initial Charging

Before first use, fully charge the battery. Use only a charger specified for Ni-MH 6V batteries. Refer to your camcorder or charger manual for specific charging instructions.

- Connect the battery to a compatible charger.
- Allow the battery to charge until the charger's indicator shows a full charge.
- Avoid overcharging, as this can reduce battery life.

3.2 Battery Installation

To install the battery into your camcorder:

1. Ensure the camcorder is powered off.
2. Locate the battery compartment on your camcorder.
3. Align the battery's contacts with the camcorder's terminals.
4. Gently slide the battery into the compartment until it clicks securely into place.
5. Close the battery compartment cover, if applicable.



Image 3.1: Proper handling of the battery during installation or removal.

4. OPERATING INSTRUCTIONS

Once installed and charged, the battery will power your compatible camcorder. Refer to your camcorder's user manual for specific operating instructions related to battery usage and power management.

- **Power On/Off:** Use the camcorder's power button as usual.
- **Battery Level Check:** Monitor the battery level indicator on your camcorder's display.
- **Recharging:** Recharge the battery when the camcorder indicates a low power level to avoid interruption during recording.

5. MAINTENANCE

5.1 General Care

- Keep the battery contacts clean and dry. Use a soft, dry cloth to wipe them if necessary.
- Avoid exposing the battery to extreme temperatures (hot or cold).
- Do not drop, crush, or subject the battery to strong impacts.
- Do not disassemble, puncture, or short external contacts.

5.2 Storage

- For long-term storage, store the battery in a cool, dry place away from direct sunlight.
- Store the battery with approximately a 50% charge to prolong its lifespan.
- Recharge the battery every 3-6 months during long-term storage to prevent deep discharge.

5.3 Disposal

Do not dispose of the battery in fire or water. Ni-MH batteries should be recycled properly. Consult your local

regulations for proper battery disposal and recycling options.



Image 5.1: The battery is made with high-quality Japanese cells for extended use.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Incorrect charger, poor contact, faulty battery/charger	Ensure correct charger is used. Clean battery contacts. Try a different charger or battery if available.
Short operating time	Battery not fully charged, aged battery, high power consumption	Ensure full charge. Battery capacity naturally decreases over time. Reduce camcorder power settings if possible.
Battery not recognized by camcorder	Improper installation, dirty contacts	Reinstall battery, ensuring secure fit. Clean battery and camcorder contacts.

7. SPECIFICATIONS

Specification	Detail
Brand	Synergy Digital
Model Number	SDBCS-H8069
Battery Cell Composition	Ni-MH (Nickel-Metal Hydride)
Voltage	6V
Capacity	2100mAh
Dimensions (L x W x H)	3.52 x 1.81 x 0.75 inches (approx.)
Weight	5.57 ounces (approx.)
Compatible Replacements	Sony NP-33, NP-55, NP-66, NP-66H, NP-68, NP-77, NP-98; ONeil 550041-100, DR10

8. WARRANTY AND SUPPORT

This Synergy Digital battery comes with a **3-year warranty** from the date of purchase, covering manufacturing defects. For warranty claims or technical support, please contact Synergy Digital customer service.

Customer Support: Please refer to the contact information provided with your purchase or visit the official Synergy Digital website for assistance.

9. SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage:

- **Use only specified chargers** for Ni-MH batteries. Using incompatible chargers can cause damage or fire.
- **Do not dispose of in fire or water.** Batteries can explode or leak.
- **Do not crush, disassemble, puncture, or short external contacts.** This can lead to overheating, fire, or explosion.
- Keep batteries out of reach of children and pets.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and dispose of it properly.
- Avoid exposing the battery to direct sunlight or high temperatures for extended periods.