

## SPANN CS-NP66

# SPANN CS-NP66 Ni-MH Battery Replacement Manual

For Nikon VN Series Cameras (VN500, VN5000, VN550, VN6000, VN700, VN7000, VN750, VN7500, VN820, VN8200, VN830, VN8300, VN840, VN350)

## INTRODUCTION

This instruction manual provides essential information for the proper handling, installation, and maintenance of your SPANN CS-NP66 Ni-MH replacement battery. This battery is designed to be compatible with various Nikon VN series cameras, offering reliable power with a 6.0V output and 4200mAh capacity. Please read this manual thoroughly before using the battery to ensure optimal performance and safety.

## SAFETY PRECAUTIONS

Always observe the following safety guidelines to prevent damage to the battery, your device, and to avoid personal injury:

- Do not attempt to disassemble, open, or service the battery pack.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Replace only with the battery pack designated for this product.
- Do not store above 60°C (140°F).
- Keep the battery away from children.
- If the battery leaks, avoid contact with skin and eyes. If contact occurs, rinse immediately with plenty of water and seek medical advice.



*Image: Detailed view of the battery label, highlighting model number, capacity, and critical safety warnings.*

## SETUP

### Initial Charging

Your new SPANN CS-NP66 battery may not be fully charged upon arrival. For optimal performance and battery longevity, it is recommended to fully charge the battery before its first use.

1. Insert the battery into a compatible Nikon charger or the camera itself if it supports in-camera charging.
2. Connect the charger to a power source.
3. Allow the battery to charge until the charging indicator shows it is full. Refer to your camera or charger's manual for specific charging indicators.



*Image: The SPANN CS-NP66 battery, ready for initial charging and installation.*

## OPERATING

### Battery Installation

To install the SPANN CS-NP66 battery into your compatible Nikon VN series camera:

1. Ensure the camera is turned off.
2. Locate the battery compartment on your camera. This is typically on the bottom or side.
3. Open the battery compartment cover.
4. Align the battery with the compartment, ensuring the contacts on the battery match the contacts in the camera.
5. Gently slide the battery into the compartment until it clicks into place or is securely seated.
6. Close the battery compartment cover firmly.

### Battery Removal

To remove the battery:

1. Ensure the camera is turned off.
2. Open the battery compartment cover.
3. Press the battery release latch (if present) and gently slide the battery out.
4. Close the battery compartment cover.



*Image: Top view of the SPANN CS-NP66 battery, showing its form factor for proper installation.*

## MAINTENANCE

---

Proper maintenance ensures the longevity and performance of your SPANN CS-NP66 battery:

- **Regular Charging:** Recharge the battery before it is completely depleted to avoid deep discharge, which can reduce battery life.
- **Storage:** If storing the battery for an extended period, charge it to about 50-70% capacity and store it in a cool, dry place away from direct sunlight and extreme temperatures. Recharge every 3-6 months if not in use.
- **Cleaning:** Keep the battery contacts clean using a dry, soft cloth. Dirty contacts can interfere with power transfer.
- **Avoid Extreme Temperatures:** Do not expose the battery to very high or very low temperatures, as this can degrade performance and shorten its lifespan.



*Image: Side view of the SPANN CS-NP66 battery, illustrating its robust casing for durability.*

## TROUBLESHOOTING

---

If you encounter issues with your SPANN CS-NP66 battery, consider the following:

- **Battery Not Charging:**

- Ensure the charger is properly connected to a power source and the battery.
- Check if the battery contacts are clean and free from debris.
- Verify that the charger is compatible with Ni-MH batteries and the correct voltage.

- **Short Battery Life:**

- Ensure the battery has been fully charged before use.
- Review camera settings that might consume excessive power (e.g., screen brightness, continuous shooting).
- The battery may be nearing the end of its lifespan if it has been used extensively over a long period.

- **Battery Not Fitting:**

- Double-check that your camera model is listed as compatible with the SPANN CS-NP66 battery.
- Ensure the battery is oriented correctly according to the markings in the battery compartment.

## SPECIFICATIONS

Feature	Detail
Model Number	CS-NP66
Battery Type	Ni-MH (Nickel-Metal Hydride)
Voltage	6.0V
Capacity	4200mAh / 25.20Wh
Dimensions (L x W x H)	88.95 x 47.55 x 36.86 mm (3.5 x 1.87 x 1.45 inches)
Weight	383.0 g
Protection Features	No memory effect, over-charge, over-discharge, over-heat, over-current, short-circuit protection
Compatible Nikon Models	VN500, VN5000, VN550, VN6000, VN700, VN7000, VN750, VN7500, VN820, VN8200, VN830, VN8300, VN840, VN350
Compatible Part Numbers	NP-33, NP-55, NP-66, NP-66H, NP-68, NP-77, NP-C55, NP-55H, NP-98

## WARRANTY AND SUPPORT

SPANN provides a **365-day warranty** for this product. This warranty covers manufacturing defects and ensures the battery meets its stated specifications under normal use.

If you have any questions, concerns, or require technical assistance, please contact SPANN customer support. Refer to your purchase documentation or the SPANN official website for contact information.

*Our products have passed strict quality inspection. If you have any questions, you can contact us.*