

Kastar NOCAR-1B-BTH22-J

Kastar Battery and AC Wall Charger Instruction Manual

For Sharp VL-E Series Camcorders (Models: VL-E660, VL-E660S, VL-E660U, VL-E665U, VL-E680, VL-E680H, VL-E680S, VL-E680U, VL-E685U, VL-E700, VL-E700U, VL-E720, VL-E720H, VL-E720U)

INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kastar 1-Pack Battery and AC Wall Charger. This product is designed to power various Sharp VL-E series camcorders, offering a reliable power source and convenient charging capabilities. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.

SAFETY INFORMATION

To prevent damage, injury, or fire, observe the following safety precautions:

- Do not incinerate the battery.
- Do not disassemble the battery or charger.
- Do not short-circuit the battery terminals.
- Dispose of batteries properly according to local regulations.
- Do not expose the battery to high temperatures exceeding 140°F (60°C).
- The charger is for indoor use only. Do not expose to rain or moisture.
- To reduce the risk of electric shock, do not remove the cover of the charger. Refer servicing to qualified service personnel only.



Image: Close-up view of the Kastar Ni-MH battery, showing the caution label with warnings against incineration, disassembly, short-circuiting, and exposure to high temperatures.

PACKAGE CONTENTS

Your Kastar 1-Pack Battery and AC Wall Charger package includes the following items:

- 1 x Kastar Ni-MH Battery (3.6V, 2900mAh)
- 1 x Kastar AC Wall Charger

Note: Car adapter and European plug are not included in this package.



Image: The Kastar battery and AC wall charger shown together, representing the contents of the package.

SETUP

Charging the Battery

1. **Prepare the Charger:** The AC wall charger features a foldable flat pin. Gently extend the pins for use.



Image: Left: Kastar AC wall charger with its foldable pins retracted. Right: The same charger with its pins extended, ready for use.

2. **Insert the Battery:** Align the battery contacts with the charger terminals and gently slide the battery into the charger slot until it is securely seated.
3. **Connect to Power:** Plug the AC wall charger into a standard 100-240V AC power outlet.
4. **Monitor Charging Status:** The LED indicator on the charger will illuminate.
 - **Red light:** Indicates the battery is currently charging.
 - **Green light:** Indicates the battery is fully charged or the charger is in standby mode (no battery inserted).
5. **Remove Battery:** Once the LED turns green, the battery is fully charged. Disconnect the charger from the power outlet and remove the battery.

OPERATING INSTRUCTIONS

After charging, the battery is ready for use with your compatible Sharp camcorder.

1. **Install Battery:** Refer to your camcorder's instruction manual for specific steps on how to open the battery compartment and correctly insert the charged Kastar battery. Ensure the battery is securely latched.
2. **Power On:** Turn on your camcorder as per its operating instructions. The camcorder should now be powered by the Kastar battery.
3. **Battery Life:** The 2900mAh capacity provides extended recording time. Actual battery life will vary based on camcorder model, usage patterns, and environmental conditions.
4. **Recharging:** When the camcorder indicates low battery, remove the battery and recharge it using the provided AC wall charger.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the battery and charger. Do not use liquid cleaners or solvents.
- **Storage:** Store the battery and charger in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to charge the battery to about 50% capacity.
- **Contact Points:** Keep the metal contact points on both the battery and charger clean to ensure efficient power transfer.
- **Disposal:** When the battery reaches the end of its life, dispose of it responsibly at a designated recycling facility. Do not discard with household waste.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging (Red LED not on)	Charger not properly plugged in. Battery not correctly inserted. Faulty power outlet.	Ensure charger is firmly plugged into a live outlet. Re-insert the battery, ensuring contacts align. Try a different power outlet.

Problem	Possible Cause	Solution
Battery not holding charge / Short operating time	Battery not fully charged. Battery is old or worn out. High power consumption by camcorder.	Ensure battery is charged until the LED turns green. Consider replacing the battery if it's old. Reduce camcorder features that consume more power (e.g., LCD brightness).
Charger LED remains green when battery is inserted	Battery is already fully charged. Poor contact between battery and charger.	Confirm battery charge level. Remove and re-insert battery, ensuring proper contact. Clean contacts if necessary.

SPECIFICATIONS

Component	Specification	Value
Battery	Type	Ni-MH
	Voltage	3.6V
	Capacity	2900mAh
AC Wall Charger	Input	AC 100-240V, 50-60Hz
	Output	DC 4.2V, 600mA
	Plug Type	Foldable Flat Pin (US Standard)
General	Model Number	NOCAR-1B-BTH22-J
	Item Weight	6.4 Ounces (total package)

WARRANTY AND SUPPORT

Kastar products are manufactured to high-quality standards. While specific warranty details are not provided in this manual, please retain your proof of purchase for any warranty claims. For technical support, troubleshooting assistance, or inquiries regarding your Kastar battery and charger, please contact Kastar customer service through their official website or the retailer where the product was purchased.

You can visit the Kastar Store for more information: [Kastar Official Store](#)