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› Kastar Replacement Battery Pack for Sony NP Series Camcorders (Model BA-3B-V28U-1) - User Manual

Kastar BA-3B-V28U-1

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INTRODUCTION

This manual provides essential instructions for the safe and effective use of your Kastar replacement battery pack, designed for various Sony NP series camcorders. Please read this manual thoroughly before using the product.

PRODUCT FEATURES

- **High Capacity:** These Kastar batteries are engineered to provide extended power, allowing for longer operation of your compatible camcorder.
- **Safety Assurance:** Each battery incorporates a specialized mix-protection additive in the cathode. This additive helps prevent material degradation during charge and discharge cycles, contributing to a longer battery lifespan of up to 1000 cycles.
- **Low Self-Discharge:** The embedded seal structure within Kastar batteries expands the crystal lattice space, which facilitates greater hydrogen storage. This design enables the batteries to retain their charge for longer periods compared to conventional batteries.
- **Package Contents:** This product package includes three (3) Kastar replacement batteries.

COMPATIBILITY

This Kastar battery pack is compatible with the following Sony battery models and camcorder series:

Compatible Battery Models:

- Sony NP-33, NP-55, NP-55H, NP-66, NP-68, NP-77, NP-77H, NP-78, NP-90, NP-98, NP-98H, NP-99

Compatible Camcorder Models (Sony CCD Series):

- CCD-EB55, CCD-G100ST, CCD-20061, CCD-35, CCD-335E, CCD-366BR, CCD-380, CCD-390, CCD-400, CCD-50E, CCD-550, CCD-850, CCD-SC6E, CCD-SC8E

Compatible Camcorder Models (Sony CCD-F Series):

- CCD-F150, CCD-F1330, CCD-F201, CCD-F250, CCD-F280, CCD-F288BR, CCD-F30, CCD-F300, CCD-F301, CCD-F302, CCD-F31, CCD-F32, CCD-F33, CCD-F330, CCD-F335, CCD-F34, CCD-F340, CCD-F35, CCD-F350, CCD-F350E, CCD-F355E, CCD-F36, CCD-F360, CCD-F365, CCD-F370E, CCD-F375E, CCD-F38, CCD-F380, CCD-F385, CCD-F385E, CCD-F388BR, CCD-F390, CCD-F390E, CCD-F40, CCD-F401, CCD-F402, CCD-F45, CCD-F450, CCD-F450E, CCD-F455E, CCD-F46, CCD-F475, CCD-F50, CCD-F500, CCD-F500E, CCD-F501, CCD-F55, CCD-F550, CCD-F550E, CCD-F555, CCD-F555E, CCD-F56, CCD-F57, CCD-F70, CCD-F701, CCD-F72, CCD-F73, CCD-F75, CCD-F77, CCD-F900, CCD-FPKTRV8, CCD-FV01

Compatible Camcorder Models (Sony CCD-FTR Series):

- CCD-FTR45, CCD-FTR55, CCD-FTR65, CCD-FTR75

Compatible Camcorder Models (Sony CCD-FTX Series):

- CCD-FX200E, CCD-FX210, CCD-FX230, CCD-FX240, CCD-FX280E, CCD-FX3, CCD-FX300, CCD-FX300E, CCD-FX310, CCD-FX311, CCD-FX320, CCD-FX330, CCD-FX340, CCD-FX400, CCD-FX400E, CCD-FX410, CCD-FX411, CCD-FX420, CCD-FX425, CCD-FX430, CCD-FX435, CCD-FX470, CCD-FX500, CCD-FX510, CCD-FX510E, CCD-FX511, CCD-FX520, CCD-FX525, CCD-FX530, CCD-FX600, CCD-FX620, CCD-FX630, CCD-FX640, CCD-FX700, CCD-FX700E, CCD-FX710, CCD-FX720, CCD-FX730, CCD-FX730V, CCD-FX810, CCD-FX830VE

Compatible Camcorder Models (Sony CCD-GV Series):

- CCD-GV200, CCD-GV300

Compatible Camcorder Models (Sony CCD-M7 Series):

- CCD-M7, CCD-M7U, CCD-M7V, CCD-M77

Compatible Camcorder Models (Sony CCD-SC Series):

- CCD-SC6E, CCD-SC8E

Compatible Camcorder Models (Sony CCD-SP Series):

- CCD-SP5, CCD-SP5G, CCD-SP5Y, CCD-SP7, CCD-SP9, CCD-SP54

SETUP AND INSTALLATION

1. **Power Off Device:** Before installing or removing the battery, ensure your camcorder is completely powered off to prevent damage.
2. **Locate Battery Compartment:** Identify the battery compartment on your camcorder. This is typically on the back or bottom of the device.
3. **Insert Battery:** Carefully insert the Kastar battery into the compartment, ensuring the metal contacts on the battery align correctly with the contacts inside the camcorder. The battery should slide in smoothly and click into place if a latch mechanism is present.
4. **Secure Compartment:** Close the battery compartment cover securely.
5. **Initial Charge:** For optimal performance, fully charge the battery before its first use. Connect your camcorder or a compatible external charger to a power source and charge until the charging indicator shows completion.



Image: A Kastar replacement battery, typically used in Sony camcorders. This image shows the general appearance of the battery pack.

OPERATION

Once the battery is installed and charged:

- **Power On:** Turn on your camcorder as per its manufacturer's instructions.
- **Monitor Battery Level:** Pay attention to the battery level indicator on your camcorder's display. Recharge the battery when the indicator shows a low charge to avoid interruption during recording.
- **Recharging:** When the battery is depleted, remove it from the camcorder or connect the camcorder to its charger to recharge. Always use a charger compatible with Sony NP series batteries.

MAINTENANCE AND STORAGE

- **Storage Conditions:** Store batteries in a cool, dry place, away from direct sunlight and extreme temperatures (both high and low).
- **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.
- **Long-Term Storage:** If storing the battery for an extended period, charge it to approximately 50-70% capacity. Periodically recharge the battery every 3-6 months to prevent deep discharge and maintain battery health.
- **Cleaning:** Keep battery contacts clean using a dry, soft cloth.
- **Disposal:** Dispose of old or damaged batteries responsibly according to local regulations. Do not dispose of batteries in household waste or fire.

TROUBLESHOOTING

Battery Not Charging:

- Ensure the charger is properly connected to a power source and the battery.

- Verify that the battery is correctly inserted into the camcorder or external charger.
- Check for any visible damage to the battery or charger.

Short Operating Time:

- The battery may require a few full charge/discharge cycles to reach its optimal capacity.
- If the battery is old, its capacity may have naturally degraded over time.
- Ensure the camcorder's power settings are optimized for battery life.

Camcorder Not Powering On:

- Confirm the battery is fully charged.
- Ensure the battery is securely seated in the camcorder's battery compartment.
- Check if the camcorder itself has any other issues (e.g., power switch, internal fault).

SPECIFICATIONS

Brand:	Kastar
Model Number:	BA-3B-V28U-1
Battery Type:	Ni-MH
Battery Voltage:	6.0V
Battery Capacity:	2650mAh
Product Dimensions:	1.85 x 0.93 x 3.51 inches
Item Weight:	1.31 pounds (for the pack of 3)
Recommended Use:	Camcorder

WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Kastar replacement battery pack, please refer to the contact information provided with your purchase or visit the official Kastar website. Keep your purchase receipt as proof of purchase for warranty claims.

You can visit the Kastar store on Amazon for more information:[Kastar Store](#)

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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

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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