

DSTE DAMT02A2

DSTE NP-400 Rechargeable Li-ion Battery Instruction Manual

Model: DAMT02A2

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your DSTE NP-400 Rechargeable Li-ion Battery. Please read these instructions carefully before using the product and retain them for future reference. This battery is designed to provide reliable power for compatible digital cameras.

2. PRODUCT OVERVIEW

The DSTE NP-400 is a high-capacity lithium-ion battery pack designed as a replacement or spare for various camera models. It features a durable ABS material housing and robust metal contacts for reliable performance.

2.1 What's in the Box

- DSTE NP-400 Rechargeable Li-ion Battery (Quantity as purchased, typically 2 units)

2.2 Key Features

- **Battery Type:** Lithium Ion
- **Capacity:** 2300 Milliamp Hours (mAh)
- **Voltage:** 7.4 Volts
- **Housing:** Durable ABS material
- **Contacts:** Reliable metal contacts
- **Reusability:** Rechargeable



Figure 1: Front view of the DSTE NP-400 Li-ion battery, displaying the model number, voltage, and capacity on its label.



Figure 2: Back view of the DSTE NP-400 Li-ion battery, highlighting its smooth, dark gray casing.



Figure 3: Detailed view of the robust metal contacts on the DSTE NP-400 Li-ion battery, essential for power transfer.

3. COMPATIBILITY

The DSTE NP-400 battery is compatible with various camera models that use the NP-400 or D-Li50 battery type. These include, but are not limited to:

- Konica Minolta A-5
- Konica Minolta A-7
- Konica Minolta Digital Dimage A1
- Konica Minolta Digital Dimage A2
- Konica Minolta Dynax 5D
- Konica Minolta Dynax 7D
- Konica Minolta Maxxum 5D
- Konica Minolta Maxxum 7D
- Pentax D-Li50 compatible cameras

4. SAFETY INFORMATION

To ensure safe operation and prolong the life of your battery, please observe the following safety precautions:

- **Do not connect improperly:** Ensure correct polarity when inserting the battery into a device or charger.
- **Avoid extreme conditions:** Do not dispose of the battery in fire or expose it to excessive heat.
- **Handle with care:** Do not crush, puncture, incinerate, or short circuit the external contacts.
- Keep batteries out of reach of children.
- Do not disassemble the battery pack.
- If the battery leaks or shows signs of damage, discontinue use immediately.
- Dispose of used batteries according to local regulations.



Figure 4: Battery label with important safety warnings and regulatory marks.

5. SETUP AND INSTALLATION

5.1 Charging the Battery

Before first use, fully charge the battery. Use a compatible Li-ion battery charger designed for NP-400 or D-Li50 type batteries. Follow the instructions provided with your charger for proper charging procedures.

Typically, a charging indicator light will show when the battery is charging and when it is fully charged.

5.2 Installing the Battery

1. Ensure your camera is turned off before installing or removing the battery.
2. Locate the battery compartment on your camera (refer to your camera's manual if unsure).
3. Open the battery compartment cover.
4. Insert the DSTE NP-400 battery, aligning the contacts correctly. The battery should slide in smoothly and lock into place. Do not force the battery.
5. Close the battery compartment cover securely.

6. OPERATING INSTRUCTIONS

6.1 General Usage

Once the battery is fully charged and installed, you can power on your camera and begin use. The battery is a full decoded battery, meaning it should communicate correctly with your camera regarding charge levels and remaining power, similar to an original equipment manufacturer (OEM) battery.

6.2 Battery Life and Performance

The 2300mAh capacity provides extended shooting time. Actual battery life will vary depending on camera model, usage patterns (e.g., frequent flash use, video recording, LCD screen brightness), and environmental conditions. For optimal performance, always start with a fully charged battery.

7. MAINTENANCE

Proper maintenance helps extend the lifespan of your DSTE NP-400 battery:

- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to about 50-60% capacity.
- **Cleaning:** Periodically clean the metal contacts of the battery with a clean, dry cloth to ensure good connection with the camera and charger.
- **Avoid complete discharge:** While Li-ion batteries do not suffer from memory effect, avoiding complete discharge can help maintain overall battery health.
- **Temperature:** Do not expose the battery to temperatures below 0°C (32°F) or above 40°C (104°F) for extended periods.

8. TROUBLESHOOTING

If you encounter issues with your DSTE NP-400 battery, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Battery not charging	Incorrectly inserted battery; faulty charger; dirty contacts.	Re-insert battery correctly; try a different compatible charger; clean battery contacts.

Problem	Possible Cause	Solution
Camera not powering on	Battery not charged; battery not inserted correctly; battery fault.	Ensure battery is fully charged; re-insert battery; try a different charged battery.
Short battery life	Battery not fully charged; heavy camera usage (flash, video); aged battery.	Ensure full charge before use; reduce power-intensive camera features; consider replacing battery if significantly degraded.
Battery gets hot during use/charging	Normal operation (slight warmth); faulty battery or charger; improper ventilation.	Slight warmth is normal. If excessively hot, discontinue use and charging immediately. Ensure charger is compatible and well-ventilated.

9. SPECIFICATIONS

Feature	Detail
Brand	DSTE
Model Number	DAMT02A2
Battery Cell Composition	Lithium Ion
Battery Capacity	2300 Milliamp Hours (mAh)
Voltage	7.4 Volts
Energy (Wh)	17.0 Wh
Reusability	Rechargeable
Item Dimensions (LxWxH)	2.12 x 1.48 x 0.76 inches
Item Weight	0.01 Ounces (Note: This value from source data appears unusually low. Refer to Battery Weight for a more accurate figure.)
Battery Weight	156 Grams
Recommended Uses	Camera
UPC	701936628992

10. PRODUCT VIDEO

Watch this official product video for a visual overview of the DSTE NP-400 battery:

Your browser does not support the video tag.

Video 1: An overview of the DSTE NP-400 battery, showcasing its physical characteristics and features.

11. WARRANTY AND SUPPORT

For warranty information or technical support, please contact DSTE Technology directly through their official channels or the retailer where the product was purchased. Keep your proof of purchase for any warranty claims.

DSTE Technology: [Visit the DSTE Store on Amazon](#)