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Norifon NB-12L

Norifon NB-12L USB Charger Instruction Manual

Model: NB-12L

1. Introduction and Overview

This manual provides essential instructions for the safe and efficient use of your Norifon NB-12L USB Charger. This charger is designed for specific Canon camera batteries, offering a convenient and portable charging solution.

Product Features:

- **Compact Design:** Ultrathin and lightweight, approximately 2cm thick, for easy portability.
- **Versatile Power Input:** Can be powered by various USB sources including laptops, PCs, power banks, USB wall chargers, and car adapters.
- **Charging Status Indicator:** An integrated light displays the charging status (blue for no-load/fully charged, red for charging).

Compatibility:

The Norifon NB-12L USB Charger is compatible with Canon NB-12L batteries used in the following camera models:

- Canon LEGRIA mini X
- Canon MINI X
- Canon PowerShot G1X Mark II
- Canon PowerShot N100



Figure 1.1: The Norifon NB-12L USB Charger with its accompanying USB cable. The charger is black and compact, designed to charge compatible camera batteries.

2. Setup

Before using the charger, ensure you have the correct battery model and a suitable USB power source.

2.1 Verifying Battery Compatibility

It is crucial to confirm that your battery is an NB-12L model. Check the label printed on your battery (not your camera) for the model number.



Figure 2.1: Example of a Canon NB-12L battery, showing where the model number (P/N) is typically located on the battery label.

2.2 Connecting the Charger to Power

1. Locate the USB-C input port on the side of the charger.
2. Connect the provided USB cable to the charger's USB-C port.
3. Connect the other end of the USB cable (USB-A) to a compatible USB power source.

Compatible power sources include:

- Laptop or Desktop PC USB port
- USB wall adapter (AC charger)
- USB car adapter
- Portable power bank



Figure 2.2: Illustrations of common USB power sources that can be used with the Norifon NB-12L USB Charger.



Figure 2.3: Detail of the USB-C port on the charger, indicating where the charging cable connects.

3. Operating Instructions

3.1 Charging a Battery

1. Ensure the charger is connected to a power source as described in Section 2.2. The indicator light may be blue if no battery is inserted.
2. Carefully insert the NB-12L battery into the charging slot, aligning the battery contacts with the charger's pins. The battery should fit securely.
3. Once the battery is correctly inserted, the indicator light will turn **red**, signifying that charging is in progress.
4. When the battery is fully charged, the indicator light will change from red to **blue**.
5. Remove the fully charged battery from the charger.



Figure 3.1: The Norifon NB-12L USB Charger with a compatible battery correctly inserted into the charging slot.

4. Maintenance

Proper maintenance ensures the longevity and safe operation of your charger.

- **Cleaning:** Use a soft, dry cloth to clean the charger. Do not use liquid cleaners or solvents. Ensure the charging pins are free from dust and debris.
- **Storage:** Store the charger in a dry location, away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the charger or subjecting it to strong impacts.
- **Safety Precautions:**
  - Do not open or modify the charger.
  - Do not immerse the charger in water or expose it to moisture.
  - Use only in dry locations.
  - Use only with compatible batteries (NB-12L).





Figure 4.1: The reverse side of the charger, displaying important safety warnings and product specifications.

5. Troubleshooting

If you encounter issues with your Norifon NB-12L USB Charger, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Charger indicator light does not turn on.	No power to the charger. Faulty USB cable or power source.	Ensure the USB cable is securely connected to both the charger and the power source. Try a different USB port or power adapter. Test with a different USB cable.
Battery is inserted, but the indicator light remains blue (not charging).	Battery not fully seated. Battery is already fully charged. Incompatible battery. Dirty battery contacts.	Re-insert the battery, ensuring it clicks into place and contacts are aligned. Verify the battery model is NB-12L (refer to Section 2.1). Clean the battery contacts and charger pins with a dry cloth.
Battery does not charge or charges slowly.	Low power output from USB source. Damaged battery.	Use a USB power source with sufficient output (e.g., a dedicated wall adapter instead of a low-power PC port). If the battery is old or damaged, it may need replacement.

6. Specifications

Technical specifications for the Norifon NB-12L USB Charger:

- **Model:** NB-12L USB Charger
- **Input Voltage:** DC 5V ±5%
- **Output Voltage:** DC 4.2V / 8.4V ±5%
- **Output Current:** 500mA
- **Product Dimensions:** 3.31 x 1.85 x 0.79 inches (8.4 x 4.7 x 2.0 cm)
- **Item Weight:** Approximately 1.06 ounces (30 grams)
- **Certifications:** CE, FCC, RoHS
- **Manufacturer:** Norifon
- **Country of Origin:** Made in China





Figure 6.1: Visual representation of the Norifon NB-12L USB Charger's dimensions.

7. Warranty Information

Specific warranty details for the Norifon NB-12L USB Charger are not provided within this instruction manual. For information regarding warranty coverage, terms, and conditions, please refer to the product packaging, any included warranty cards, or contact the retailer or manufacturer directly.

8. Customer Support

If you require further assistance, have questions not covered in this manual, or need to report an issue, please contact the seller or Norifon customer support. Refer to your purchase documentation for contact details.

Manufacturer: Norifon

For general inquiries, you may visit the Norifon brand page on Amazon:Norifon on Amazon

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