K&F Concept KF28.0048S1

K&F Concept NP-W126 NP-W126S USB-C Camera Battery Instruction Manual

Model: KF28.0048S1

1. Product Overview

The K&F Concept NP-W126/NP-W126S USB-C camera battery is designed to provide reliable and long-lasting power for compatible Fujifilm cameras. This battery features a built-in USB-C charging port, allowing for convenient charging without the need for an external charger.

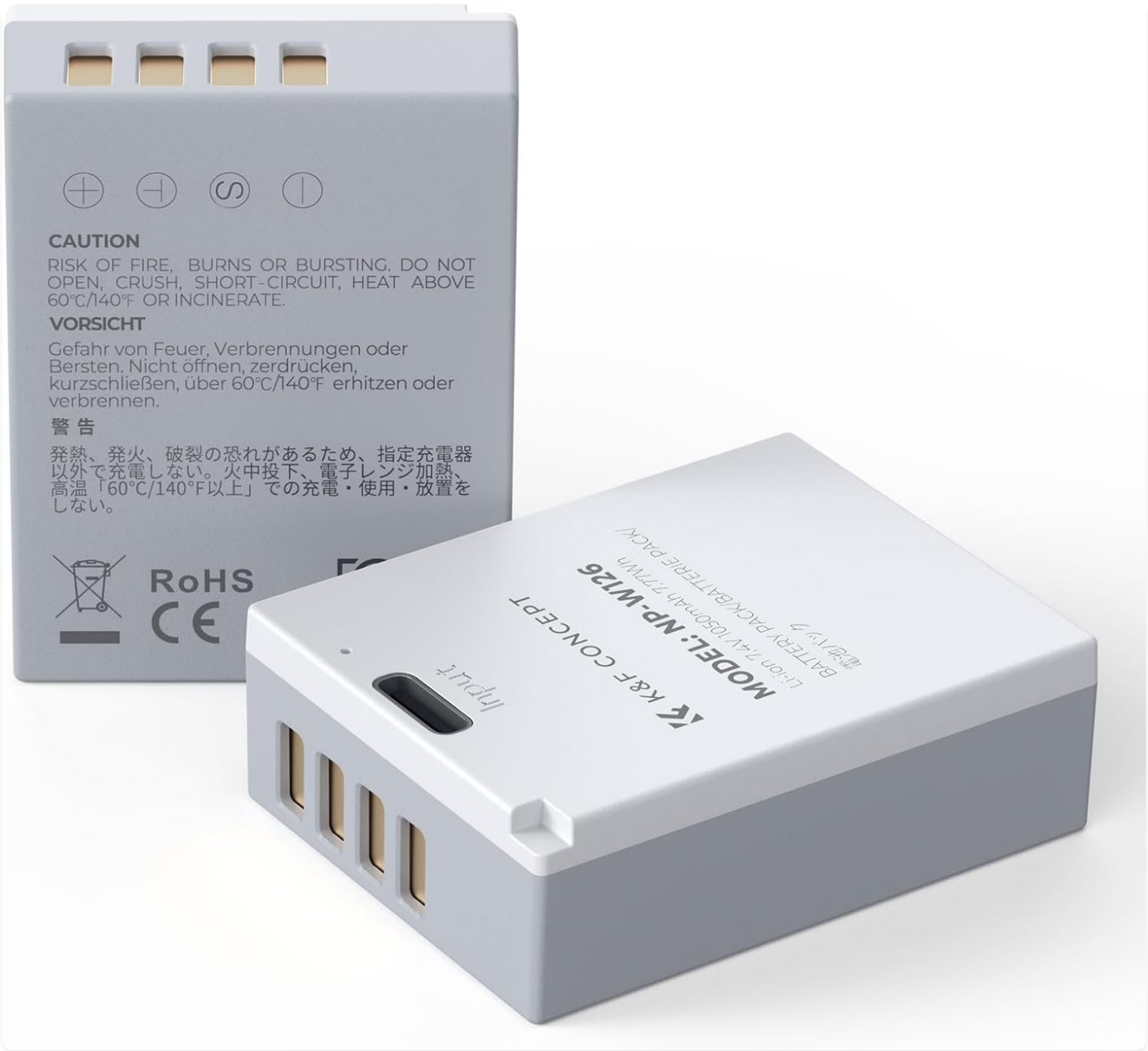


Image: K&F Concept NP-W126/NP-W126S USB-C Camera Batteries.

Each battery boasts a 1050mAh real capacity, ensuring extended shooting sessions. The integrated intelligent LED indicator provides clear charging status feedback.



Image: Battery performance metrics for video and photo shooting.

2. Setup and Charging

Initial Charging

Before first use, it is recommended to fully charge the battery. The NP-W126S battery can be fully charged in approximately 2 hours using its built-in USB-C port.

- Connect a standard USB-C cable (included) to the battery's USB-C input port.
- Connect the other end of the USB-C cable to a 5V USB wall charger, car charger, power bank, or a laptop's USB port.
- The intelligent LED indicator on the battery will display the charging status:
  - **Red light:** Battery is charging.
  - **Green light:** Battery is fully charged.

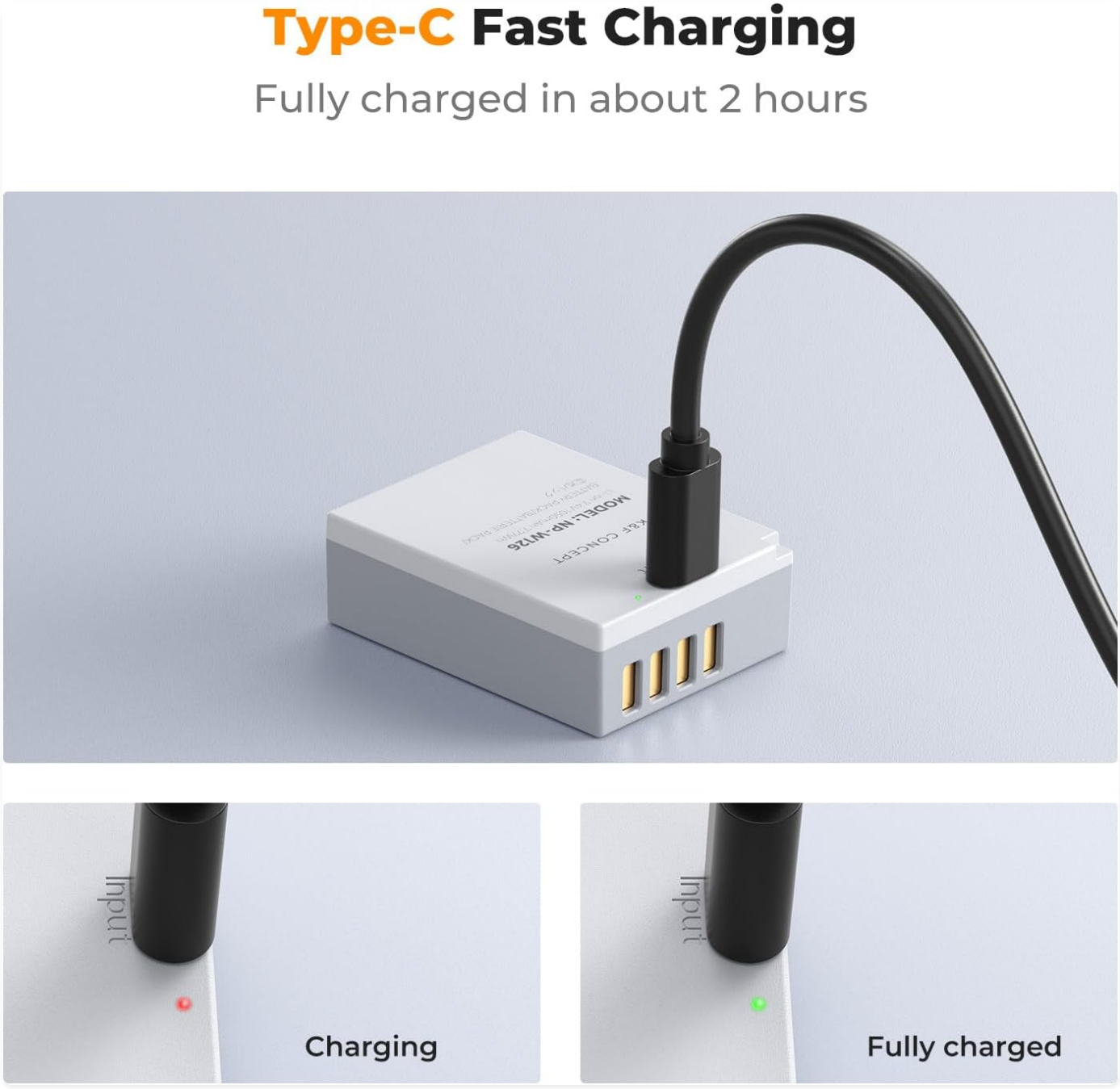


Image: USB-C fast charging process and LED indicators.

Multiple Charging Options

The versatility of the USB-C port allows for charging from various common power sources, making it convenient for travel

and on-the-go use. The battery is also compatible with OEM BC-W126s chargers.



Image: Various methods for charging the battery.

3. Operating Instructions

Compatibility

The K&F Concept NP-W126/NP-W126S batteries are fully decoded and compatible with a wide range of Fujifilm cameras that use NP-W126 or NP-W126S batteries. This includes, but is not limited to, the following models:

- Fujifilm XT30 II, XM5, X100VI, X100V, XS10, XT30, XT20, XT10, XT3, XT2, XT1
- Fujifilm XT200, XT100, X100F, XA7, XE3, Xpro3, Xpro2, Xpro1, XE1, XE2, XE2S, XM1, XA3, XA5

These batteries are designed to operate without triggering any warning messages in compatible cameras, ensuring a seamless user experience.



Image: Compatibility with various Fujifilm camera models.

Battery Insertion and Removal

Refer to your camera's specific instruction manual for detailed steps on how to properly insert and remove the battery. Ensure the battery is oriented correctly before insertion to avoid damage to the battery or camera.

4. Maintenance and Safety

Battery Care

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid fully discharging the battery frequently, as this can reduce its overall lifespan.
- Clean the battery contacts periodically with a dry, soft cloth to ensure optimal connection with the camera.

Safety Precautions

Observe the following safety guidelines to prevent damage, injury, or fire:

- **CAUTION:** RISK OF FIRE, BURNS OR BURSTING. DO NOT OPEN, CRUSH, SHORT-CIRCUIT, HEAT ABOVE

60°C/140°F OR INCINERATE.

- Do not expose the battery to water or excessive moisture.
- Do not use the battery if it appears damaged, swollen, or leaking.
- Keep batteries out of reach of children.

Built-in Protections

The K&F Concept NP-W126/NP-W126S batteries are equipped with multiple safety protections to ensure reliable and safe operation:

- Temperature protection
- Over-voltage protection
- Over-discharge protection
- Over-current protection
- Over-charge protection
- Short-circuit protection



Image: Overview of the battery's safety protection features.

5. Troubleshooting

Common Issues and Solutions

Problem	Possible Cause	Solution
Battery not charging	Loose cable connection, faulty USB power source, damaged battery.	Ensure USB-C cable is securely connected. Try a different USB power adapter or port. If the battery is damaged, discontinue use.
Battery not powering camera	Battery not fully charged, incorrect insertion, camera incompatibility.	Ensure battery is fully charged (green LED). Re-insert battery correctly into the camera. Verify camera model is listed as compatible.
Short battery life	High power consumption settings, aging battery, extreme temperatures.	Reduce camera settings that consume high power (e.g., continuous video recording, high brightness). Battery capacity naturally degrades over time. Avoid using in extremely cold or hot environments.

If you encounter issues not listed here or if the problem persists, please contact K&F Concept customer support for assistance.

6. Specifications

Feature	Detail
Model Number	KF28.0048S1
Battery Type	Li-ion battery
Battery Capacity	1050mAh (7.4V, 7.77Wh)
USB-C Charging Input	5V/1.5A
Operating Temperature (Charging)	0°C ~ 45°C (32°F ~ 113°F)
Operating Temperature (Discharge)	-10°C ~ 60°C (14°F ~ 140°F)
Product Dimensions	3.15 x 1.8 x 0.8 inches
Item Weight	3.17 ounces
Certifications	FCC, CE, RoHS

Package Contents

The standard package includes:

- 2 x K&F Concept NP-W126/NP-W126S Batteries
- 2 x USB-C Charging Cables
- 1 x Instruction Manual

Package Included



Image: Contents included in the product package.

7. Warranty and Support

For warranty information, technical support, or any inquiries regarding your K&F Concept NP-W126/NP-W126S batteries, please visit the official K&F Concept website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

You can find more information and support resources on theK&F Concept Store on Amazon.

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