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K&F CONCEPT KF28.0007-US

K&F Concept LP-E6/LP-E6N/LP-E6NH Dual Slot Battery Charger Instruction Manual

Model: KF28.0007-US

Introduction

Thank you for choosing the K&F Concept Dual Slot Battery Charger. This device is designed to efficiently charge two LP-E6, LP-E6N, or LP-E6NH batteries simultaneously or separately, providing a reliable power solution for your compatible Canon EOS cameras. Please read this manual carefully before use to ensure proper operation and to maximize the lifespan of your charger and batteries.

Getting Started

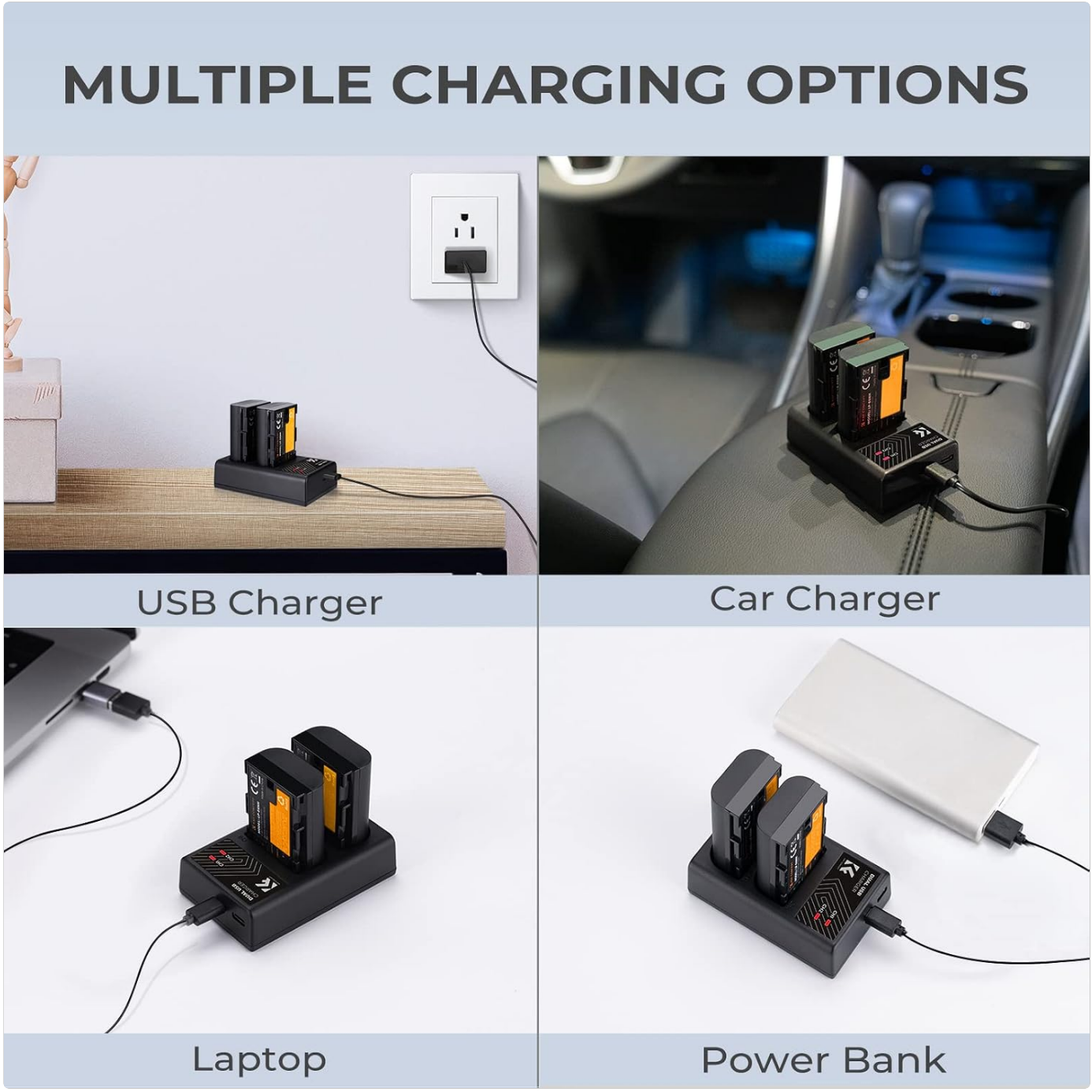
Package Contents

- K&F Concept Dual Slot Battery Charger
- USB Charging Cable (Type-C and Micro B compatible)

Connecting the Charger

The charger features dual input ports: a USB-C port and a Micro B USB port. Connect the provided USB charging cable to either port on the charger and then to a compatible power source. Compatible power sources include:

- Laptop or PC USB port
- USB wall charger (5V 2.1A recommended)
- Car charger with USB output
- Power bank



The charger offers multiple charging options for convenience.

Inserting Batteries

Carefully insert one or two LP-E6, LP-E6N, or LP-E6NH batteries into the designated slots on the charger. Ensure the battery contacts align correctly with the charger's terminals.

Operating Instructions

Charging Process and LED Indicators

Once connected to a power source and batteries are inserted, the charger will begin charging. The LED indicators provide real-time status:

- **Red Light:** Indicates that the battery in that slot is currently charging.
- **Green Light:** Indicates that the battery in that slot is fully charged, or no battery is present.

The charger can charge one battery at a current of 700mA, or two batteries simultaneously at 500mA per slot.



LED indicators show charging status: Red for charging, Green for fully charged or no battery.

Compatible Camera Models

This charger is 100% compatible with original and K&F Concept replacement LP-E6, LP-E6N, and LP-E6NH batteries, which are used in various Canon EOS camera models, including but not limited to:

- Canon EOS R5
- Canon EOS R6
- Canon EOS R
- Canon EOS RP
- Canon EOS R7
- Canon EOS 5D Mark IV
- Canon EOS 5D Mark III
- Canon EOS 5DS
- Canon EOS 5DS R

- Canon EOS 5D Mark II
- Canon EOS 6D
- Canon EOS 6D Mark II
- Canon EOS 7D
- Canon EOS 7D Mark II
- Canon EOS 90D
- Canon EOS 80D
- Canon EOS 70D
- Canon EOS 60D
- Canon EOS 60Da



The charger supports a wide range of Canon EOS cameras using LP-E6 series batteries.

Safety Information

The K&F Concept Dual Slot Battery Charger incorporates smart chips to ensure safe and reliable charging. It provides multiple protection features to safeguard your batteries and the charger itself:

- **Over-charging Protection:** Prevents batteries from being overcharged, extending their lifespan.
- **Short-circuit Protection:** Automatically cuts off power in case of a short circuit.
- **High-temperature Protection:** Monitors temperature to prevent overheating.
- **Over-current Protection:** Protects against excessive current flow.
- **Over-voltage Protection:** Safeguards against voltage fluctuations.
- **Over-discharge Protection:** Prevents batteries from being discharged too deeply.



Advanced safety features ensure secure charging for your batteries.

Product Specifications

Feature	Specification

Product Model	KF28.0007-US
Product Dimensions	3.66 x 3.46 x 1.02 inches
Item Weight	2.89 ounces
Input Voltage	5 Volts
Input Current	2.1A (USB-C and Micro B)
Output Voltage	8.4 Volts
Output Current (1 battery)	700mA
Output Current (2 batteries)	500mA per slot
Specification Met	CE, FCC, RoHS



Detailed view of the charger's features and specifications.

Care and Maintenance

- Keep the charger clean and dry. Avoid exposure to moisture or extreme temperatures.
- Do not attempt to disassemble or modify the charger. This will void the warranty and may cause damage.
- Clean the charging contacts regularly with a dry, soft cloth to ensure optimal connection.
- Store the charger in a cool, dry place when not in use.

Troubleshooting

Charger Not Powering On

- Ensure the USB cable is securely connected to both the charger and the power source.
- Verify that the power source is active and providing sufficient power (e.g., wall outlet is working, power bank is charged).
- Try a different USB cable or power source to rule out cable or adapter issues.

Batteries Not Charging (Red Light Not On)

- Check if the batteries are inserted correctly into the slots, ensuring proper contact with the terminals.
- Confirm that the batteries are compatible with the charger (LP-E6, LP-E6N, LP-E6NH).
- If the battery is already fully charged, the light will be green.
- If the battery is severely depleted, it might take a few minutes for the red light to appear.

Slow Charging

- Ensure your power source provides at least 5V 2.1A output for optimal charging speed. Lower output power will result in slower charging.
- Charging two batteries simultaneously will result in a lower current per battery (500mA) compared to charging a single battery (700mA).

Warranty and Customer Support

K&F Concept products are designed for reliability and performance. For any questions, technical support, or warranty claims, please refer to the contact information provided with your purchase or visit the official K&F Concept website. Please retain your proof of purchase for warranty purposes.

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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.

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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.

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