K&F CONCEPT LP-E6P

K&F CONCEPT LP-E6P Battery and Dual USB Charger User Manual

Model: LP-E6P

Introduction

This manual provides essential instructions for the safe and effective use of your K&F CONCEPT LP-E6P 2400mAh battery and dual slot USB charger. Please read this manual thoroughly before use and retain it for future reference.
The K&F CONCEPT LP-E6P battery is designed to provide reliable power for compatible Canon EOS cameras, offering a 2400mAh capacity for extended shooting sessions. The accompanying dual slot USB charger allows for convenient charging of two batteries simultaneously.

Package Contents



The package includes two K&F CONCEPT LP-E6P 2400mAh batteries, one dual slot USB charger, and a USB charging cable. This image displays the complete contents of the product package, including the charger, two batteries, and the charging cable, alongside the product box.

- 2 x K&F CONCEPT LP-E6P 2400mAh Batteries
- 1 x Dual Slot USB Charger
- 1 x USB Charging Cable (Micro USB and Type-C compatible)

Compatibility



The K&F CONCEPT LP-E6P replacement batteries are fully decoded and compatible with a wide range of Canon EOS cameras that use LP-E6P, LP-E6NH, LP-E6N, and LP-E6 batteries. This image shows various Canon EOS camera models, illustrating the broad compatibility of the LP-E6P battery.

Compatible Canon EOS Camera Models include:

- EOS R6 Mark III/II, R5 Mark II, R5, R6, R7, R8, R, R5C
- 5D Mark II, 5D Mark III, 5D Mark IV, 5DS, 5DSR
- 6D, 6D Mark II
- 7D, 7D Mark II
- 60D, 60Da, 70D, 80D, 90D
- C50, XC10, XC15

Setup

Charging the Batteries

1. **Connect the Charger:** Connect the dual slot USB charger to a 5V power source using the provided USB cable. The charger supports both Micro USB and Type-C input ports. You can use a power bank, wall charger, car charger, or laptop as a power source.



Charging via Power Bank



Charging via Car Adapter



Charging via Laptop

These images demonstrate various methods of connecting the dual slot USB charger to a 5V power source, including a power bank, a car adapter, and a laptop, highlighting the versatility of charging options.

2. **Insert Batteries:** Place one or two LP-E6P batteries into the charging slots of the charger. Ensure the battery contacts align correctly with the charger pins.



The dual slot LCD battery charger with two LP-E6P batteries inserted, showing the LCD display indicating charging status.

3. **Monitor Charging Status:** The LCD screen on the charger will display the charging status of each battery, indicating the charge level from 0-25%, 25-50%, 50-75%, and 75-100%.



This image details the K&F CONCEPT LP-E6P battery's capacity (2400mAh), voltage (7.2V), and battery energy (17.28Wh), along with visual indicators for video recording and photo shooting duration, and the charger's LCD display showing battery charge levels.

4. **Charging Time:** A single battery typically charges in approximately 3 hours. When charging two batteries simultaneously, the charging time is approximately 6 hours.

Operating Instructions

Inserting Batteries into Camera

1. **Power Off Camera:** Ensure your Canon EOS camera is powered off before inserting or removing batteries.
2. **Open Battery Compartment:** Locate and open the battery compartment cover on your camera.
3. **Insert Battery:** Insert a fully charged K&F CONCEPT LP-E6P battery into the compartment, ensuring it clicks securely into place. The battery is fully decoded, allowing your camera to recognize battery information and register it without error messages.
4. **Close Compartment:** Close the battery compartment cover firmly.
5. **Power On Camera:** Power on your camera and verify that the battery is recognized and functioning correctly.

Battery Performance

The 2400mAh capacity provides long-lasting power. Under optimal conditions, a single battery can support approximately 1 hour and 15 minutes of 4K/8K video recording or over 3000 photos. Actual performance may vary based on camera settings, usage, and environmental conditions.

Maintenance and Safety

- **Storage:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge batteries to approximately 50% capacity.
- **Cleaning:** Keep battery contacts clean using a dry, soft cloth. Avoid using liquids or abrasive cleaners.
- **Disposal:** Dispose of depleted batteries according to local regulations. Do not incinerate or expose to high temperatures.
- **Safety Features:** The charger and batteries incorporate multiple protection mechanisms, including temperature protection, over-voltage protection, over-discharge protection, over-current protection, over-charge protection, and

short-circuit protection.



This image visually represents the comprehensive safety features integrated into the K&F CONCEPT LP-E6P battery and charger system, including protections against temperature, over-voltage, over-discharge, over-current, over-charge, and short-circuits.

Troubleshooting

Problem	Possible Cause	Solution
Battery not charging	Loose cable connection Faulty power source Incorrect battery insertion	Ensure USB cable is securely connected to charger and power source. Try a different USB port or power adapter. Re-insert battery, ensuring correct alignment.
Camera displays "Battery not recognized" error	Outdated camera firmware Dirty battery contacts	Update your camera's firmware to the latest version. Clean battery contacts on both the battery and camera with a dry, soft cloth.
Short battery life	Battery not fully charged Extreme operating temperatures High power consumption settings (e.g., 4K/8K video, continuous shooting)	Ensure batteries are fully charged before use. Operate within recommended temperature ranges (Charging: 0°C~45°C, Discharging: -10°C~60°C). Adjust camera settings to optimize power consumption if extended use is required.

Specifications

Brand	K&F CONCEPT
Model Number	LP-E6P
Battery Type	Lithium-ion
Battery Capacity	2400mAh (7.2V, 17.28Wh)
Charger Input	5V 2.1A
Charger Output	7.2V - 750mA (1 battery), 550mA (2 batteries)
Charging Temperature	0°C ~ 45°C
Discharging Temperature	-10°C ~ 60°C

Connector Type (Charger)	Micro USB, Type-C
Certifications	CE, FCC, RoHS
Item Weight	0.26 Kilograms (total package weight)

Warranty and Support

K&F CONCEPT provides a **2-year warranty** for this product. For warranty claims, technical support, or any inquiries regarding the LP-E6P battery and charger set, please contact K&F CONCEPT customer service through their official website or the retailer where the product was purchased.
Please retain your proof of purchase for warranty validation.

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