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LcFun Electric USB Rechargeable Lighter User Manual

Model: Electric USB Rechargeable Lighter

1. INTRODUCTION

Thank you for choosing the LcFun Electric USB Rechargeable Lighter. This device utilizes advanced plasma dual arc technology, offering a windproof and flameless ignition solution. Designed for durability and convenience, it features a Type-C charging port and a long-lasting battery. Please read this manual carefully to ensure proper use and maintenance of your lighter.

Brief Product Introduction



Figure 1: LcFun Electric USB Rechargeable Lighter Overview

2. SETUP

2.1 Unpacking

Carefully remove the lighter and accessories from the packaging. Verify that all components are present: the LcFun Electric USB Rechargeable Lighter and a USB Type-C charging cable.

2.2 Initial Charging

Before first use, fully charge the lighter. The lighter is equipped with a 280 mAh large-capacity battery.

- Connect the provided USB Type-C cable to the lighter's charging port.
- Connect the other end of the cable to a suitable plasma charger. The charger's maximum output voltage should be DC $5.0\pm 0.25V$, and the output current should be 4A. Using a charger with a larger output may lead to circuit board and battery damage.
- A full charge typically takes about 1 hour. The indicator light will show charging status (e.g., blinking during charge, solid when full).

TYPE-C CHARGING

280mAh

- Large Capacity Battery



Figure 2: Type-C Charging for the Lighter

3. OPERATING INSTRUCTIONS

3.1 Powering On and Ignition

1. Open the lighter's lid.
2. Press and hold the arc switch button located on the side of the lighter. The dual plasma arcs will activate.
3. Position the item to be lit (e.g., candle wick, paper) directly into the plasma arcs.
4. The lighter features an automatic power-off function after approximately 7 seconds of continuous use to prevent overheating and protect internal components. Release the button and press again if further ignition is needed.

3.2 Windproof and Flameless Operation

The dual arc design ensures the lighter operates effectively in windy conditions, making it suitable for outdoor activities like camping and hiking. Since it is flameless, it eliminates the need for butane or other fuels.

DUAL ARC PLASMA



Windproof



No Open
Flame



Efficient



Figure 3: Dual Arc Plasma Technology

Your browser does not support the video tag.

Video 1: Demonstration of the LcFun Electric USB Rechargeable Lighter's operation and features.

4. MAINTENANCE

4.1 Cleaning the Electrodes

Over time, residue may accumulate on the plasma electrodes, affecting performance. Use a soft, dry cloth or a small brush to gently clean the electrodes. Ensure the lighter is turned off and cool before cleaning.

4.2 Storage

Store the lighter in a cool, dry place away from direct sunlight and extreme temperatures. Keep the lid closed to protect the electrodes from dust and debris.



Figure 4: Safety and Durability Features

5. TROUBLESHOOTING

- **Lighter not igniting:** Ensure the lighter is fully charged. Clean the plasma electrodes as described in the Maintenance section.
- **Short battery life:** Confirm you are using a suitable charger (DC $5.0\pm 0.25V$, 4A output current). Avoid overcharging or using incompatible chargers, which can damage the battery.
- **Arc is weak or inconsistent:** This is often due to residue on the electrodes. Clean them thoroughly. Ensure no metal objects are interfering with the arc.
- **Lighter not charging:** Check the USB Type-C cable and charger for damage. Try a different compatible charging setup.

6. SPECIFICATIONS

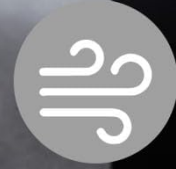
Feature	Specification
Brand	LcFun
Model	Electric USB Rechargeable Lighter
Material	Zinc Alloy
Fuel Type	Electric
Battery Capacity	280 mAh
Charging Port	Type-C
Charging Time	Approx. 1 hour
Ignition Cycles per Charge	Approx. 35 times (7s each)
Item Weight	55 Grams
Product Dimensions (L x W x Th)	2.9" x 1.4" x 0.47"

Portable Pocket Lighter

2.2 OZ | 55g



Rechargeable



Windproof



No Open Flame



Butane Free



Recyclable

Figure 5: Lighter Dimensions

7. SAFETY INFORMATION

- **WARNING:** Do not use this lighter with metal products.
- Ensure the charging adapter meets the specified output voltage (DC 5.0±0.25V) and current (4A). Using an incompatible charger can cause circuit board and battery damage.
- Keep out of reach of children.
- Do not expose the lighter to extreme temperatures (above 50°C / 122°F) or direct sunlight for prolonged periods.
- Do not immerse the lighter in water or other liquids.
- Do not attempt to disassemble or modify the lighter. This will void the warranty and may pose a safety risk.
- Avoid touching the plasma arcs directly, as they can cause burns.
- Do not use the lighter near flammable materials or gases.

8. WARRANTY AND SUPPORT

8.1 Warranty

The LcFun Electric USB Rechargeable Lighter comes with a 90-day guarantee from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage resulting from misuse, accidents, unauthorized modifications, or failure to follow the instructions in this manual.

8.2 Customer Support

If you have any questions, concerns, or require assistance with your LcFun lighter, please contact our customer support team. Refer to the product packaging or the retailer's website for specific contact details.