

LcFun SEW-401

LcFun Waterproof Electric Dual Arc Lighter Instruction Manual

Model: SEW-401

1. INTRODUCTION

Thank you for choosing the LcFun Waterproof Electric Dual Arc Lighter. This device is designed for reliability and convenience in various outdoor and indoor conditions. It features a flameless, windproof dual arc ignition system and is rechargeable via USB, eliminating the need for fuel. Its robust, waterproof design makes it an essential tool for camping, hiking, and other outdoor activities.



The LcFun Waterproof Electric Dual Arc Lighter, shown in green camouflage.

2. SAFETY INFORMATION

WARNING: Read all safety instructions before use. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Do not use with metal products:** Avoid contact between the arc and any metal objects to prevent short circuits or damage.
- **Keep out of reach of children:** This product is not a toy. Store it in a secure location away from children.
- **Avoid extreme temperatures:** Do not expose the lighter to direct sunlight, temperatures above 120°F (49°C), or open flames.
- **Do not puncture or incinerate:** The internal battery may explode if damaged.
- **Do not disassemble:** Tampering with the device may cause malfunction and voids the warranty.
- **Waterproof Note:** Ensure the metal-ring sealed cover and locking clasp are securely closed before exposing the lighter to water.

IP56 WATERPROOF



NOTE:

The buckle must be locked before putting the lighter in the water.

The lighter is IP56 waterproof when the buckle is locked, as shown with multiple lighters in water.

3. PRODUCT COMPONENTS

The LcFun Electric Dual Arc Lighter consists of the following main parts:

1. **Lid:** Protects the arc electrodes and forms a waterproof seal when closed.
2. **Locking Clasp:** Secures the lid for waterproof protection.
3. **Arc Electrodes:** Generate the electric arc for ignition.
4. **Ignition Button:** Activates the electric arc.
5. **USB Charging Port:** For recharging the internal battery.
6. **Charging Indicator Light:** Shows charging status.
7. **Paracord Lanyard:** For convenient carrying.

COMPACT & PORTABLE

Weight: 1.55oz | 44g



Convenient Lanyard

The compact and portable design of the lighter, including the convenient lanyard.

4. CHARGING INSTRUCTIONS

The lighter is powered by a rechargeable lithium battery. Before first use, or when the battery is low, charge the device fully.

- **Connect:** Use the provided USB cable to connect the lighter's charging port to a compatible USB power source (e.g., computer, 5V/1A charger, power bank, car USB port).
- **Indicator:** The charging indicator light will illuminate blue during charging.
- **Completion:** Charging typically takes approximately 2 hours. The blue indicator light will turn off once charging is complete.
- **Disconnect:** Once fully charged, disconnect the USB cable.

USB RECHARGEABLE

About 2 hours full charged



Computer



Charger(5V/1A)



Powerbank



Car



CHARGING:
blue light



CHARGING COMPLETED:
light off

The lighter being charged via a USB connection, showing the blue indicator light.

5. OPERATING INSTRUCTIONS

Follow these steps to operate your LcFun Electric Dual Arc Lighter:

1. **Open the Lock Buckle:** Release the locking clasp to open the lid.
2. **Open the Lid:** Flip open the top lid to expose the arc electrodes.
3. **Activate the Arc:** Press and hold the ignition button. A dual electric arc will form between the electrodes.
4. **Ignite:** Bring the item you wish to ignite (e.g., candle wick, paper, dry tinder) into contact with the electric arc.
5. **Release:** Release the ignition button to turn off the arc.
6. **Close:** Close the lid and secure the locking clasp to protect the lighter and maintain its waterproof seal.

The flameless electric arc is windproof, making it effective in challenging weather conditions.

EASY TO IGNITE



The lighter in use, demonstrating how to ignite an object with the electric arc.



Visual guide for operating the lighter, from opening the buckle to activating the arc.

Your browser does not support the video tag.

An official product video demonstrating the features and use of the LcFun Electric Dual Arc Lighter.

6. MAINTENANCE

- **Cleaning:** Periodically clean the arc electrodes with a soft, dry cloth or brush to remove any residue that may accumulate. Ensure the device is off and cool before cleaning.
- **Storage:** Store the lighter in a cool, dry place away from direct sunlight and moisture. Ensure the lid is closed and locked when not in use.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Recharge when the indicator suggests low power.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lighter does not produce an arc.	Low battery. Lid not fully open. Ignition button not pressed correctly. Electrodes are dirty.	Recharge the lighter. Ensure the lid is fully open. Press the ignition button firmly. Clean the electrodes.
Arc is weak or inconsistent.	Low battery. Electrodes are dirty.	Recharge the lighter. Clean the electrodes.
Lighter does not charge.	Faulty USB cable or power source. Charging port obstruction.	Try a different USB cable and power source. Check the charging port for debris.

8. SPECIFICATIONS

Feature	Detail
Brand	LcFun
Model Number	SEW-401
Color	Green Camouflage
Material	Acrylonitrile Butadiene Styrene, Zinc
Item Weight	1.55 Ounces (44g)
Fuel Type	Electric
Product Dimensions	2.7"L x 0.47"W x 1.87"Th
Batteries	1 Lithium Ion battery (included)
Waterproof Rating	IP56

9. WARRANTY & SUPPORT

LcFun provides a 60-day guarantee for this product. If you encounter any issues or have questions regarding your LcFun Waterproof Electric Dual Arc Lighter, please do not hesitate to contact us. We are committed to providing a satisfactory solution as quickly as possible.

For support, please refer to the contact information provided with your purchase or visit the official LcFun website.

