

## SUPRUS Electric Lighter Arc Windproof Flameless USB Rechargeable Lighter with Safety Lock

# SUPRUS Electric Arc Lighter User Manual

MODEL: B0CF9SBMBF

## 1. Introduction

Thank you for choosing the SUPRUS Electric Arc Lighter. This device offers a flameless, windproof, and USB rechargeable solution for various lighting needs. This manual provides essential information for safe operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your lighter. Please read these instructions carefully before use and retain them for future reference.

## 2. Safety Information

- **Child Safety Lock:** The lighter is equipped with a safety lock mechanism. To activate the arc, you must first slide the safety lock switch upwards, then press the ignition button. This design helps prevent accidental activation.
- **Automatic Power-Off:** For enhanced safety, the igniting arc will automatically cease after 7 seconds of continuous activation. To re-ignite, release the ignition button and press it again after sliding the safety lock.
- **Overload and Short Circuit Protection:** The lighter features built-in chip protection against overload and short circuits.
- **Overcharge and Overheating Protection:** Integrated circuits protect the device from overcharging and overheating during the charging process.
- **General Precautions:**
  - Keep out of reach of children and pets.
  - Do not touch the arc directly as it can cause burns.
  - Do not expose the lighter to temperatures above 50°C (122°F) or direct sunlight for extended periods.
  - Do not immerse the lighter in water or other liquids.
  - Do not attempt to disassemble or modify the lighter.
  - Ensure the lighter is turned off when not in use.

## 3. Product Overview

Familiarize yourself with the components of your SUPRUS Electric Arc Lighter:

- **Arc Pulse Ignition Tip:** The retractable tip where the electric arc is generated.
- **Safety Switch:** A sliding switch that must be moved to the 'on' position before ignition.
- **Lighting Button:** Activates the electric arc when the safety switch is engaged.
- **LED Battery Indicator:** Four blue LED lights display the remaining battery charge (25%, 50%, 75%, 100%).
- **Type-C Charging Port:** Located at the base for recharging the internal battery.
- **Hanging Loop:** A small loop at the base for convenient storage or attachment.



Figure 1: Key components of the SUPRUS Electric Arc Lighter.



Figure 2: Integrated safety features for user protection.

#### 4. Setup: Charging Your Lighter

Before initial use, fully charge your SUPRUS Electric Arc Lighter.

1. Locate the Type-C charging port at the bottom of the lighter.
2. Connect the provided USB charging cable to the lighter's Type-C port and the other end to a compatible USB power source (e.g., computer, wall adapter, power bank).
3. The LED battery indicators will illuminate to show the charging progress. When all four LEDs are steadily lit, the lighter is fully charged.
4. Disconnect the charging cable once charging is complete.

A full charge typically provides power for over 600 ignitions.



Figure 3: Charging the electric arc lighter using a USB-C cable.

## 5. Operating Instructions

Follow these steps to safely operate your electric arc lighter:

1. **Activate Safety Lock:** Slide the safety switch upwards to expose the arc tips and unlock the ignition button.
2. **Ignite:** Press and hold the lighting button. An electric arc will form between the tips.
3. **Light Item:** Position the arc near the item you wish to light (e.g., candle wick, gas stove burner). The flameless arc is windproof and splash-proof, making it effective in various conditions.
4. **Deactivate:** Release the lighting button to turn off the arc. The arc will automatically shut off after 7 seconds of continuous use. Slide the safety switch downwards to retract the arc tips and lock the ignition button for storage.



Figure 4: Using the electric arc lighter to ignite a candle.



Figure 5: Versatile applications of the electric arc lighter.

## 6. Maintenance

To maintain your lighter in optimal condition:

- **Cleaning:** Periodically clean the arc tips with a dry, soft cloth to remove any residue. Ensure the lighter is off and cool before cleaning.
- **Storage:** Store the lighter in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the safety lock is engaged when storing.
- **Battery Care:** To prolong battery life, avoid completely draining the battery frequently. Recharge when the LED indicators show low power.

## 7. Troubleshooting

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
|---------|----------------|----------|

| Problem                        | Possible Cause   | Solution  |
|--------------------------------|--|---|
| Lighter does not ignite.       | Battery is low or depleted.<br>Safety lock is not disengaged.<br>Ignition button not pressed correctly.            | Charge the lighter fully.<br>Slide the safety switch upwards.<br>Ensure the ignition button is fully pressed after disengaging the safety lock.                           |
| Lighter does not charge.       | Charging cable is faulty or not connected properly.<br>Charging port is obstructed.<br>Power source is not active. | Check cable connection and try a different cable or power source.<br>Ensure the charging port is clean and free of debris.<br>Verify the USB power source is functioning. |
| Arc stops after a few seconds. | Automatic 7-second safety shut-off.  | This is a normal safety feature. Release the button, slide the safety switch, and press again to re-ignite if needed.   |

## 8. Specifications

| Feature            | Detail   |
|--------------------|--|
| Brand              | SUPRUS   |
| Model              | Electric Lighter Arc Windproof Flameless USB Rechargeable Lighter with Safety Lock |
| Material           | Aluminum, Plastic  |
| Item Weight        | 1.76 ounces (0.05 Kilograms)   |
| Fuel Type          | Electric   |
| Product Dimensions | 6.73"L x 0.65"W x 0.6"Th   |
| Charging Port      | USB Type-C   |



Figure 6: Product dimensions and included accessories.

## 9. Warranty and Support

For warranty information or technical support, please refer to the product packaging or contact SUPRUS customer service directly. Contact details are typically provided with your purchase or can be found on the official SUPRUS website. Please have your model number (B0CF9SBMBF) available when contacting support.