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› Ecoangel USB Rechargeable LED Road Flares Emergency Lights Instruction Manual

## Ecoangel flares

# Ecoangel USB Rechargeable LED Road Flares Emergency Lights

Model: flares

Brand: Ecoangel

## 1. INTRODUCTION AND OVERVIEW

The Ecoangel USB Rechargeable LED Road Flares are designed to provide critical visibility and warning in various emergency situations. This kit includes three durable, multi-functional beacon discs equipped with magnetic bases and hooks for versatile placement. Ideal for roadside breakdowns, marine emergencies, or outdoor activities, these flares offer multiple flashing modes to ensure maximum safety and awareness.



Image: The Ecoangel LED Road Flare kit, showing the three flares, USB charging cable, and a convenient carrying bag.

## 2. PRODUCT FEATURES

- **USB Rechargeable:** Equipped with a 650mAh Li-battery, eliminating the need for disposable batteries. Includes a USB charging cable.
- **9 Flashing Modes:** Offers various light patterns for different emergency signals, including triple-flash, dual-flash, single flash, rotate, alternate blinks, SOS rescue, solid-on high, solid-on low, and a 3-LED flashlight mode.
- **Waterproof:** Coated with a waterproof material to ensure electronic safety and functionality in heavy rain. Note: Not designed for prolonged submersion in water.

- **Crushproof:** Constructed from super strong industrial engineering plastic (PC and ABS), capable of withstanding up to 3 tons of vehicle weight.
- **Magnetic Base:** Features solid neodymium magnets for secure attachment to metal surfaces like vehicles or boats.
- **Integrated Hook:** A folding hook design allows for hanging the flares, providing additional placement options for hands-free use or elevated visibility.

## POWER FEATURE



### **WATERPROOF**

Never worry about rain or water, plus they float!



### **USB RECHARGEABLE**

Don't waste money on others w/o batteries.



### **CRASHPROOF**

Go ahead, run them over! Don't worry, they'll work like new.



### **MAGNETIC**

Keep the flares secured even while moving!

Image: Key features of the Ecoangel flare, highlighting its waterproof, rechargeable, crushproof, and magnetic capabilities.

# USB RECHARGEABLE

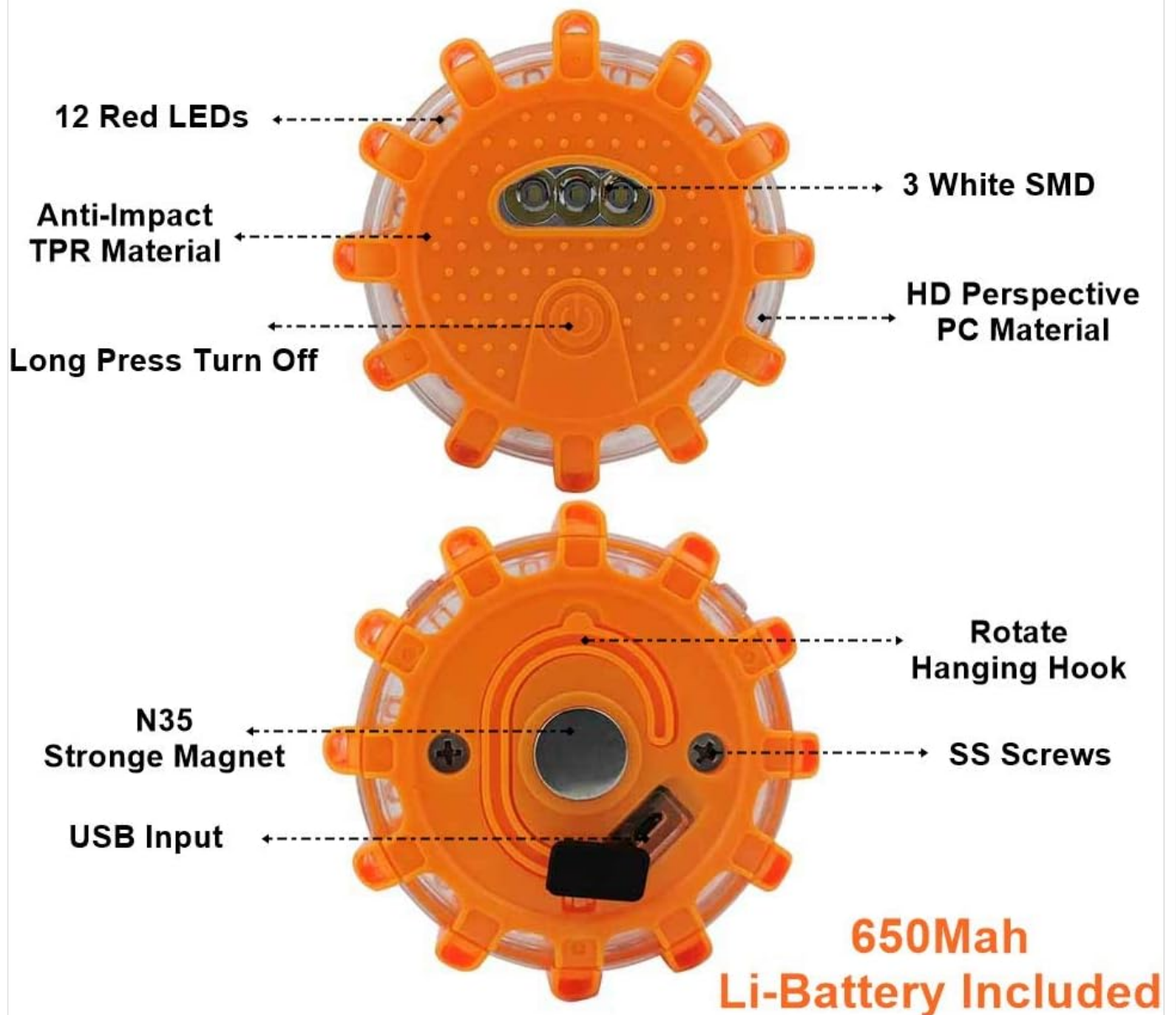


Image: An exploded view of the flare, detailing its internal components and external features like the USB input and magnetic base.

## 3. SETUP

Before first use, ensure your Ecoangel LED Road Flares are fully charged. The flares come with a multi-head USB charging cable, allowing you to charge multiple units simultaneously.

### Initial Charging

1. Connect the provided USB charging cable to the USB input port on each flare.
2. Plug the USB-A end of the cable into a compatible USB power source (e.g., car charger, wall adapter, computer USB port).
3. The indicator light on the flare will illuminate red while charging.
4. Once fully charged, the indicator light will turn green.

## Placement Considerations

For optimal visibility and stability, consider the following:

- **Magnetic Attachment:** Utilize the strong magnetic base to secure the flares to any ferrous metal surface, such as the side or back of your vehicle, or under the hood for inspection.
- **Hook Hanging:** Use the integrated folding hook to hang the flares from car hoods, tent poles, or other elevated points for increased visibility.
- **Ground Placement:** Place flares on the ground to mark a safe zone around a disabled vehicle or hazard. Space them appropriately to create a clear warning perimeter.

# INSTRUCTIONS

## STEP ON HOW TO USE IT



Image: Visual instructions for operating the flare, including power control and charging status indicators.

## 4. OPERATING INSTRUCTIONS

## Power On/Off and Mode Selection

1. **To Turn On:** Press the power button located on the front of the flare. The flare will activate in its last used mode.
2. **To Change Mode:** Press the power button repeatedly to cycle through the 9 available flashing and steady modes.
3. **To Turn Off:** Long press the power button for approximately 3 seconds in any mode.

## Flashing Modes and Recommended Use

The Ecoangel LED Road Flares offer 9 distinct modes to suit various situations:

- **1. Triple-flash:** High-visibility, rapid flashing for urgent warnings.
- **2. Dual-flash:** Two rapid flashes, effective for drawing attention.
- **3. Single flash:** A steady, single flash for consistent warning.
- **4. Rotate:** A rotating light pattern, highly visible from all directions.
- **5. Alternate blinks:** Alternating flashes, useful for directing traffic.
- **6. SOS rescue:** Standard Morse code SOS signal (·····—·····) for distress.
- **7. Solid-on high:** Constant bright illumination for general lighting or marking.
- **8. Solid-on low:** Constant lower intensity illumination for subtle marking or battery conservation.
- **9. 3 LED Flashlight:** Provides a steady white light for inspection or general illumination.

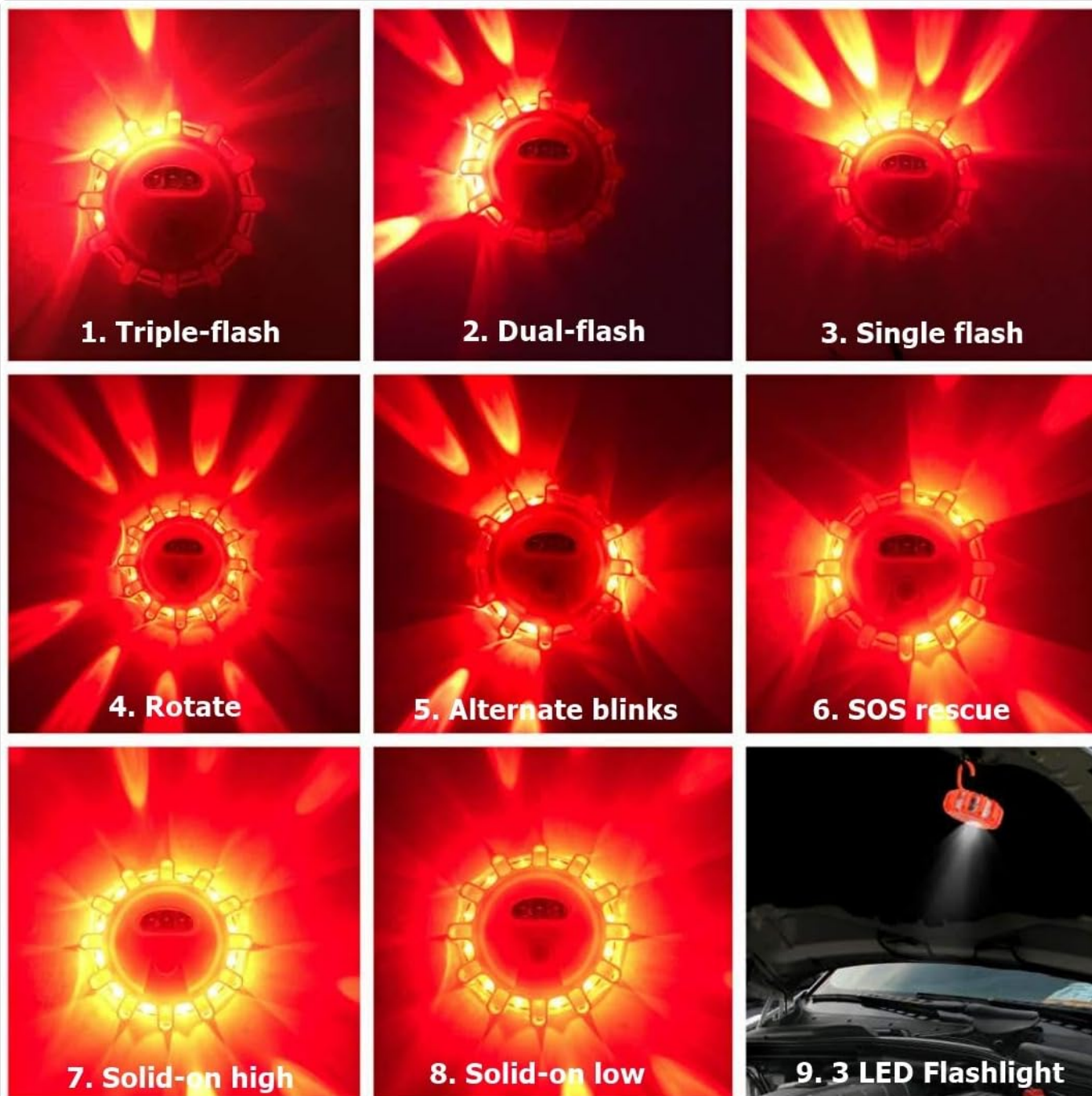


Image: Visual representation of the nine distinct light patterns available on the Ecoangel LED Road Flare.

## Approximate Working Times per Mode

Battery life varies depending on the selected mode:

- Triple-flash: 18 hours
- Dual-flash: 36 hours
- Single flash: 48 hours
- Rotate: 12 hours
- Alternate blinks: 4 hours
- SOS rescue: 5 hours
- Solid-on high: 2 hours
- Solid-on low: 4 hours
- 3 LED flashlight: 12 hours



Image: A detailed chart outlining the approximate battery life for each of the nine operational modes.

## 5. CHARGING

The Ecoangel LED Road Flares are designed for convenient recharging. Each flare contains a 650mAh Lithium-Ion battery.

### Charging Process

- Locate the USB input port on the flare.
- Insert the micro-USB end of the provided charging cable into the flare's port.
- Connect the USB-A end of the cable to a standard USB power source (e.g., car USB port, wall adapter, power bank).
- The charging indicator light will glow red, indicating that the flare is charging.

- When the battery is fully charged, the indicator light will turn green.

A fully charged flare can standby for more than one year, making them reliable for infrequent emergency use.

## 6. MAINTENANCE AND CARE

Proper care ensures the longevity and reliability of your Ecoangel LED Road Flares.

- **Cleaning:** Wipe the flares with a damp cloth to remove dirt or debris. Avoid using harsh chemicals or abrasive cleaners.
- **Water Resistance:** The flares are designed to be waterproof for daily use and in heavy rain. However, they are not intended for prolonged submersion in water. Do not intentionally submerge the flares.
- **Storage:** Store the flares in their carrying bag in a cool, dry place when not in use. Ensure they are fully charged before long-term storage to maintain battery health.
- **Charging Port Caution:** The USB charging port can be fragile. Always insert and remove the charging cable gently to prevent damage to the port and internal circuitry.
- **Do Not Open:** Do not attempt to open the flare casing or remove the screws, as this may compromise the waterproof seal and internal components, voiding any warranty.

## 7. TROUBLESHOOTING

If you encounter issues with your Ecoangel LED Road Flares, try the following steps:

- **Flare Not Turning On:** Ensure the battery is charged. Connect to a power source and check if the charging indicator lights up. If not, try a different charging cable or power adapter.
- **Flare Not Charging:** Verify that the charging cable is securely connected to both the flare and the power source. Check the power source for functionality. Inspect the charging port on the flare for any visible damage.
- **Light Modes Malfunctioning:** Try turning the flare off and then on again. If the issue persists, ensure the battery is fully charged.

If these steps do not resolve the issue, please refer to the Warranty and Support section for assistance.

## 8. SPECIFICATIONS

| Feature      | Detail          |
|--------------|-----------------|
| Model Number | flares          |
| Color        | Orange (3-pack) |
| Shape        | Round           |

| Feature            | Detail                                                |
|--------------------|-------------------------------------------------------|
| Material           | Plastic (PC and ABS)                                  |
| Light Source Type  | LED                                                   |
| Power Source       | Battery Powered (Rechargeable)                        |
| Battery Type       | 1 Lithium Ion battery (included)                      |
| Battery Capacity   | 650mAh                                                |
| Voltage            | 3.7 Volts                                             |
| Wattage            | 2.36 watts                                            |
| Item Weight        | 16 ounces (per flare)                                 |
| Product Dimensions | 3.9 x 3.9 x 4.7 inches (approximate, likely for pack) |
| Mounting Type      | Surface Mount (Magnetic)                              |

## 9. WARRANTY AND SUPPORT

Ecoangel is committed to providing a safer experience with our emergency lights. Your product is guaranteed to provide a safer road trip.

If you encounter any issues with your Ecoangel USB Rechargeable LED Road Flares, please do not hesitate to contact our customer support team. We are dedicated to assisting you and will strive to resolve any problems promptly. Expect a fast response and action within 12 hours of your inquiry.

For support, please visit the Ecoangel Store on Amazon or use the contact information provided with your purchase.

### ASK A QUESTION ABOUT THIS MANUAL

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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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

**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.

Submit question