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> echosari ES-SolarL Solar Fence Lights User Manual

echosari ES-SolarL

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Model: ES-SolarL

INTRODUCTION

This manual provides instructions for the safe and efficient operation of your echosari ES-SolarL Solar Fence Lights. Please read this manual thoroughly before installation and use, and retain it for future reference.

PACKAGE CONTENTS

Verify that all components are present and in good condition:

- 8 x echosari Solar Fence Lights (Model: ES-SolarL)
- Mounting Screws and Anchors
- User Manual



Figure 1: Product dimensions and included installation hardware.

SPECIFICATIONS

Brand	echosari
Model Number	ES-SolarL
Light Source	LED
Brightness	100 Lumens per light
Light Colors	RGB (8 colors) & 3000K Warm White & 6500K Cool White
Lighting Modes	9 (8 fixed colors + 1 dynamic color cycle)
Power Source	Solar Powered
Control Method	Push Button
Water Resistance	IP65 Waterproof
Operating Temperature	-15°C to 50°C (5°F to 122°F)
Material	Plastic
Dimensions (L x W x H)	Approximately 3.81" x 1.25" x 0.7"

SETUP AND INSTALLATION

Follow these steps for proper installation and initial setup:

- 1. Unpack and Inspect:** Carefully remove all lights and accessories from the packaging. Inspect each light for any damage.
- 2. Initial Charge:** Before first use, ensure the solar panel is exposed to direct sunlight for at least 6-8 hours. This allows the internal battery to fully charge. The light will automatically turn on at dusk after charging.
- 3. Select Location:** Choose a location that receives ample direct sunlight throughout the day. Avoid areas under eaves, trees, or other obstructions that might shade the solar panel. The lights are designed for outdoor use on fences, walls, railings, or steps.
- 4. Mounting:**
 - Mark the desired mounting points on your surface using the light as a template.
 - Drill pilot holes at the marked locations.
 - Insert the plastic anchors into the drilled holes (if mounting into masonry or drywall).
 - Align the light with the holes and secure it using the provided screws.
- 5. Activate:** Locate the power button, usually on the back or underside of the light. Press it once to turn the light ON. The light will then operate automatically, charging during the day and illuminating at night.



Figure 2: Step-by-step installation guide for the solar fence lights.



Figure 3: Automatic charging and illumination cycle of the solar lights.

OPERATING INSTRUCTIONS

Your echosari Solar Fence Lights feature automatic operation and multiple lighting modes.

Automatic On/Off Function

The lights are equipped with a light sensor. They will automatically turn on at dusk and turn off at dawn, provided the power switch is in the "ON" position and the solar panel has received sufficient sunlight during the day.

Changing Lighting Modes

Each light has a push button to cycle through the available lighting modes. Press the button repeatedly to select your desired mode:

- **Mode 1:** Cool White (6500K)
- **Mode 2:** Warm White (3000K)
- **Modes 3-8:** Individual RGB Colors (Red, Green, Blue, Cyan, Pink, Purple, Yellow, etc.)
- **Mode 9:** Dynamic Color Cycle (automatically cycles through all RGB colors)



Figure 4: Visual representation of the 9 available lighting modes.

The lights will remember the last selected mode when they turn on again.

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Video: Demonstration of echosari Solar Fence Lights in various lighting modes and outdoor settings.

MAINTENANCE

To ensure optimal performance and longevity of your solar fence lights:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption and efficient charging.
- **Clear Obstructions:** Periodically check that no new obstructions (e.g., growing branches, leaves) are shading the solar panel.
- **Battery Replacement:** The internal battery is designed for long-term use. If the light duration significantly decreases after prolonged use, the battery may need replacement. Consult customer support for guidance on battery replacement.
- **Winter Care:** While the lights are designed for all-weather durability, prolonged periods of heavy snow or ice may reduce charging efficiency. Clear snow from the solar panel as needed.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	◦ Power switch is OFF. ◦ Insufficient sunlight for charging. ◦ Solar panel is dirty or obstructed. ◦ Battery is depleted or faulty.	◦ Ensure the power switch is ON. ◦ Relocate the light to an area with more direct sunlight. ◦ Clean the solar panel. Remove any obstructions. ◦ Allow several days for charging. If problem persists, contact support.

Problem	Possible Cause	Solution
Light duration is short.	◦ Insufficient charging time. ◦ Solar panel is dirty or obstructed. ◦ Battery capacity reduced due to age or extreme temperatures.	◦ Ensure solar panel receives 6-8 hours of direct sunlight daily. ◦ Clean the solar panel. ◦ Contact customer support for battery replacement options if the battery is old.
Light flickers or is dim.	◦ Low battery charge. ◦ Loose connection.	◦ Allow the light to charge fully in direct sunlight. ◦ Check for any loose connections (if accessible) or contact support.

WARRANTY AND SUPPORT

echosari provides a **1-year warranty** for the ES-SolarL Solar Fence Lights from the date of purchase. This warranty covers manufacturing defects and material faults under normal use.

The warranty does not cover:

- Damage caused by improper installation or misuse.
- Damage caused by unauthorized repairs or modifications.
- Damage due to natural disasters or accidents.

For warranty claims, technical support, or any questions regarding your echosari Solar Fence Lights, please contact our customer service team through the retailer where the product was purchased or visit the official echosari store online.

Online Store: [echosari Store on Amazon](#)

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Example: How do I reset this device or fix this error?

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