

Smart Solar 1080997

Jones Set of 3 Smart Ladybug Solar Lights

User Manual

INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Jones Set of 3 Smart Ladybug Solar Lights. These solar-powered lights are designed to add a decorative and functional element to your garden, automatically illuminating at night.

SETUP

Follow these steps to set up your new solar lights:

1. **Unboxing:** Carefully remove all three ladybug solar lights from their packaging. Inspect each unit for any signs of damage.
2. **Initial Charge:** Before first use, ensure the solar panel on each ladybug light is exposed to direct sunlight for at least 8-12 hours. This allows the internal battery to fully charge.
3. **Placement:** Choose a location in your garden or outdoor area that receives ample direct sunlight throughout the day. Avoid shaded areas, as this will reduce charging efficiency and illumination time. The lights can be mounted on walls, fences, or placed on flat surfaces.
4. **Activation:** Most solar lights have an ON/OFF switch. Locate this switch, usually near the solar panel or battery compartment, and set it to the "ON" position. The lights will then automatically turn on at dusk and off at dawn.



Figure 1: A single ladybug solar light, ready for initial charging and placement. The solar panel is visible beneath the red shell.

OPERATING INSTRUCTIONS

Your Jones Smart Ladybug Solar Lights are designed for automatic operation:

- **Automatic Illumination:** Once fully charged and the switch is in the "ON" position, the lights will automatically detect low light conditions (dusk) and turn on. They will remain illuminated for several hours, depending on the amount of sunlight received during the day.
- **Automatic Shut-off:** At dawn, or when the battery charge is depleted, the lights will automatically turn off.
- **Optimal Performance:** For best results, ensure the solar panel is kept clean and free from dirt, dust, or debris. Position the lights where they can receive at least 6-8 hours of direct sunlight daily.



Figure 2: A ladybug solar light glowing softly on a brick wall at night, demonstrating its automatic illumination feature.

MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your solar lights:

- **Cleaning:** Periodically wipe the solar panel and the light housing with a soft, damp cloth to remove any accumulated dirt, dust, or leaves. A clean solar panel ensures maximum charging efficiency.
- **Battery Care:** The integrated rechargeable battery is designed for long-term use. If the light duration significantly decreases over time, it may indicate the battery is nearing the end of its lifespan. Consult the manufacturer for replacement options if available. Do not attempt to replace the battery unless specified by the manufacturer.
- **Winter Storage:** In regions with harsh winters or prolonged periods of low sunlight, it is recommended to store the solar lights indoors. Clean them thoroughly before storage and ensure they are fully charged to prevent battery degradation.

TROUBLESHOOTING

If your solar lights are not functioning as expected, try the following troubleshooting steps:

- **Light Does Not Turn On:**
 - Ensure the ON/OFF switch is in the "ON" position.
 - Verify the solar panel is receiving direct sunlight for at least 8-12 hours daily.
 - Check if the solar panel is clean and free from obstructions.
 - Test the light in a completely dark environment to ensure the light sensor is not being affected by ambient light.
- **Light Duration is Short:**
 - The battery may not be fully charged. Ensure the solar panel receives maximum direct sunlight.
 - Environmental factors like cloudy weather or shorter daylight hours in winter can affect charging.
 - The battery may be old and losing its capacity.
- **Light Flickers:**
 - This could indicate a low battery charge. Allow the light to charge fully in direct sunlight.
 - Check for loose connections if the unit allows access (do not disassemble if not designed for it).

SPECIFICATIONS

Feature	Detail
Brand	Smart Solar
Model Number	1080997
Color	Multicolor (Red, Black)
Material	Plastic
Specific Uses	Garden Decoration, Outdoor Lighting
Power Source	Solar Powered

Number of Light Sources	3 (one per ladybug unit)
Number of Items in Set	1 (containing 3 ladybug lights)

WARRANTY AND SUPPORT

Information regarding product warranty and customer support was not provided in the product details. Please refer to the product packaging or the retailer's website for any available warranty information or contact details for support.