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Haofy Aluminum Solar Dock Light IP68

Haofy Aluminum Solar Dock Light IP68 High Brightness LED Instruction Manual

Model: Aluminum Solar Dock Light IP68

INTRODUCTION

This manual provides instructions for the proper installation, operation, and maintenance of your Haofy Aluminum Solar Dock Light. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

- Ensure the solar panel receives direct sunlight for optimal charging.
- Do not attempt to disassemble or modify the light. This may void the warranty and cause damage.
- Keep away from open flames or extreme heat sources.
- Dispose of the product according to local regulations at the end of its lifespan.

PRODUCT OVERVIEW

The Haofy Aluminum Solar Dock Light is an IP68-rated, high-brightness LED light designed for outdoor use. It features intelligent light sensing technology for automatic operation and a durable aluminum alloy construction.



Figure 1: Angled view of the Haofy Solar Dock Light, highlighting the solar panel and LED light array.

Key Features:

- **Aluminum Alloy Construction:** Crafted from premium cast aluminum material for durability.
- **IP68 Rating:** Designed to withstand harsh weather conditions.
- **Cordless Installation:** Solar-powered, eliminating the need for wiring.
- **Bright LED Illumination:** High brightness LED bulbs for enhanced safety and visibility.
- **Intelligent Light Sensing Technology:** Automatic illumination at night and off during the day.

SETUP AND INSTALLATION

Follow these steps for optimal performance and longevity of your solar dock light.

1. **Unpack:** Carefully remove the solar dock light from its packaging. Inspect for any damage.
2. **Initial Charge:** Before the first use, place the solar light in direct sunlight for at least 6-8 hours to allow the internal battery to fully charge. Ensure the solar panel is clean and unobstructed.
3. **Select Location:** Choose a location that receives ample direct sunlight throughout the day. Avoid areas shaded by trees, buildings, or other obstructions. The light should be positioned where its illumination is most effective for pathways or docks.
4. **Mounting:**
 - Position the light on a flat, stable surface.
 - Mark the drilling points through the mounting holes on the light's base.
 - Drill appropriate pilot holes if necessary.
 - Secure the light using suitable screws (not included) for your surface type (e.g., wood,

concrete). Ensure it is firmly attached to prevent movement.



Figure 2: Dimensions of the Haofy Solar Dock Light, useful for planning installation space.

OPERATING INSTRUCTIONS

The Haofy Solar Dock Light operates automatically using its intelligent light sensing technology.

1. **Automatic Operation:** Once installed and charged, the light will automatically turn on at dusk and turn off at dawn. There is no manual switch for daily operation.
2. **Light Color:** This specific model emits a green light.



Figure 3: The Haofy Solar Dock Light illuminated with its green LED lights.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your solar dock light.

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures efficient charging.
- **Inspect for Damage:** Regularly check the light for any physical damage, loose screws, or corrosion. Address any issues promptly.
- **Battery Replacement:** The internal battery is designed for long-term use. If the light's performance significantly degrades over time, the battery may need replacement by a qualified technician. Do not attempt to replace it yourself.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on at night.	<p>Insufficient sunlight for charging.</p> <p>Solar panel is dirty or obstructed.</p> <p>Ambient light is too bright (light sensor not activated).</p> <p>Battery is depleted or faulty.</p>	<p>Relocate the light to an area with more direct sunlight.</p> <p>Clean the solar panel.</p> <p>Ensure the installation area is dark enough at night.</p> <p>Allow several days of full sunlight charging. If problem persists, contact support.</p>
Light duration is short.	<p>Insufficient charging during the day.</p> <p>Battery capacity has degraded over time.</p>	<p>Ensure solar panel is clean and receives full sunlight.</p> <p>Consider battery replacement if the light is old and performance has significantly decreased.</p>
Light flickers or is dim.	<p>Partial charge.</p> <p>Faulty LED or internal component.</p>	<p>Allow for a full day of charging.</p> <p>Contact customer support for assistance.</p>

SPECIFICATIONS

- **Brand:** Haofy
- **Model:** Aluminum Solar Dock Light IP68
- **Color:** Green Light
- **Material:** Aluminum Alloy
- **Waterproof Rating:** IP68
- **Light Source:** LED
- **Power Source:** Solar
- **Sensing Technology:** Intelligent Light Sensing (Dusk-to-Dawn)
- **Dimensions:** Approximately 5.51" x 5.11" x 1.18" (Refer to Figure 2 for visual representation)

WARRANTY INFORMATION

Haofy products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty card included with your purchase or visit the official Haofy website. Typically, warranty covers manufacturing defects under normal use conditions.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue, please contact Haofy customer support through the retailer where you purchased the product or visit the official Haofy website for contact information.

Online Store: [Haofy Amazon Store](#)