

TIGGSY HW-DL-FT-1

TIGGSY Gnomes Solar Lantern User Manual

Model: HW-DL-FT-1

1. INTRODUCTION

Thank you for choosing the TIGGSY Gnomes Solar Lantern. This manual provides essential information for the proper setup, operation, and maintenance of your new solar-powered decorative light. Please read this manual thoroughly before use to ensure optimal performance and longevity of your product.

This solar lantern is designed to provide ambient lighting and unique decorative patterns for your outdoor spaces, including yards, patios, lawns, and gardens. It features automatic dusk-to-dawn operation and is built with durable, waterproof materials.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Unique Gnomes Design:** Projects beautiful and intricate gnome patterns, creating a warm and inviting atmosphere.
- **Efficient Solar Powered:** Automatically charges during the day and illuminates at night, offering energy-efficient lighting.
- **Durable & Waterproof:** Constructed from high-quality metal with an IP65 waterproof rating, ensuring resilience against various weather conditions.
- **Automatic Operation:** Features a built-in light sensor for automatic turn-on at dusk and turn-off at dawn.
- **Long Battery Life:** Provides approximately 8 hours of illumination on a full charge.
- **Versatile Placement:** Suitable for tabletop, hanging, or ground placement in gardens, patios, and pathways.

2.2 What's in the Box

- 1 x TIGGSY Gnomes Solar Lantern (Bulb included)

2.3 Product Components

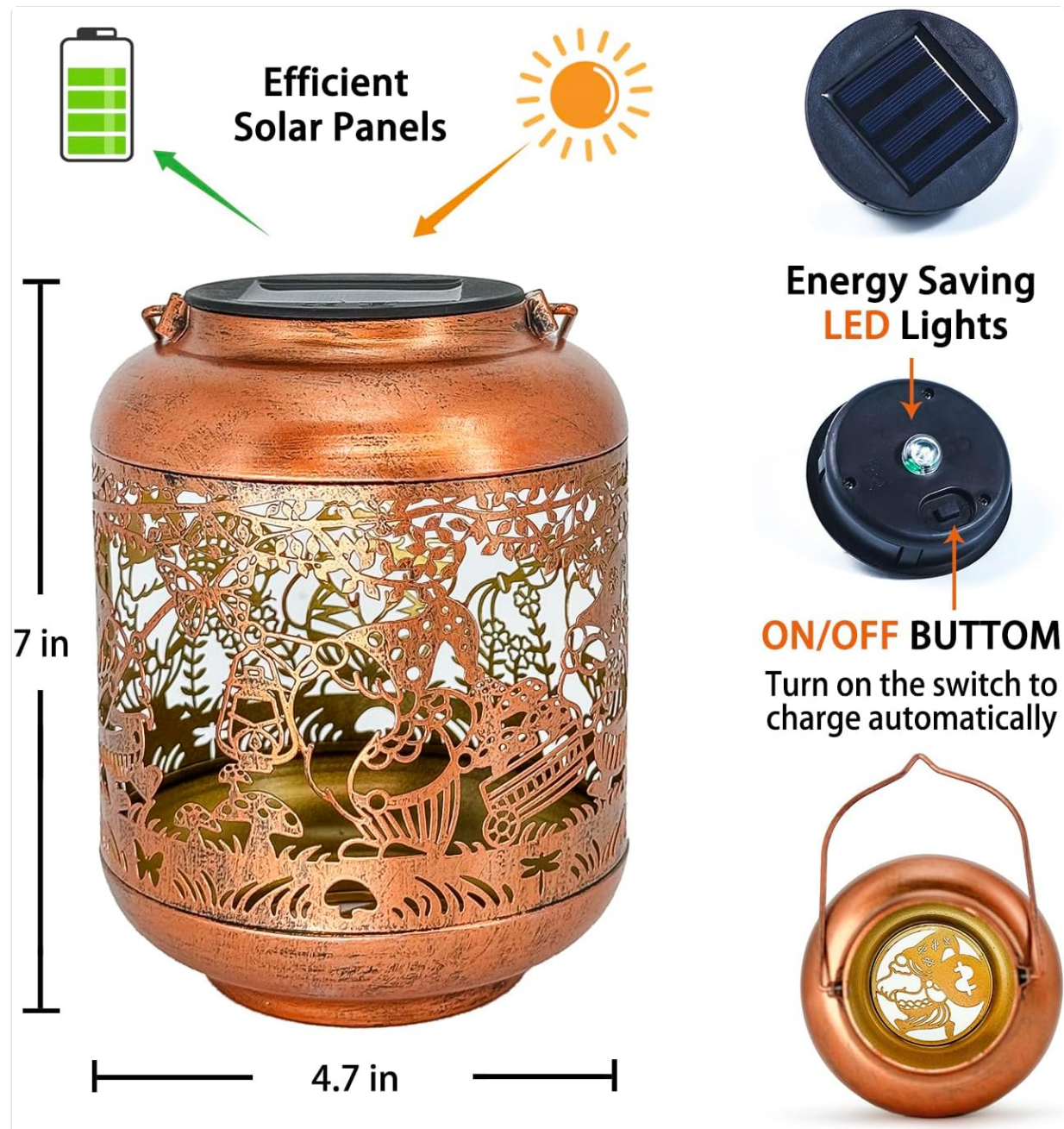


Figure 1: Product Dimensions and Key Components. Note the solar panel on top and the ON/OFF button located on the underside of the solar panel module.

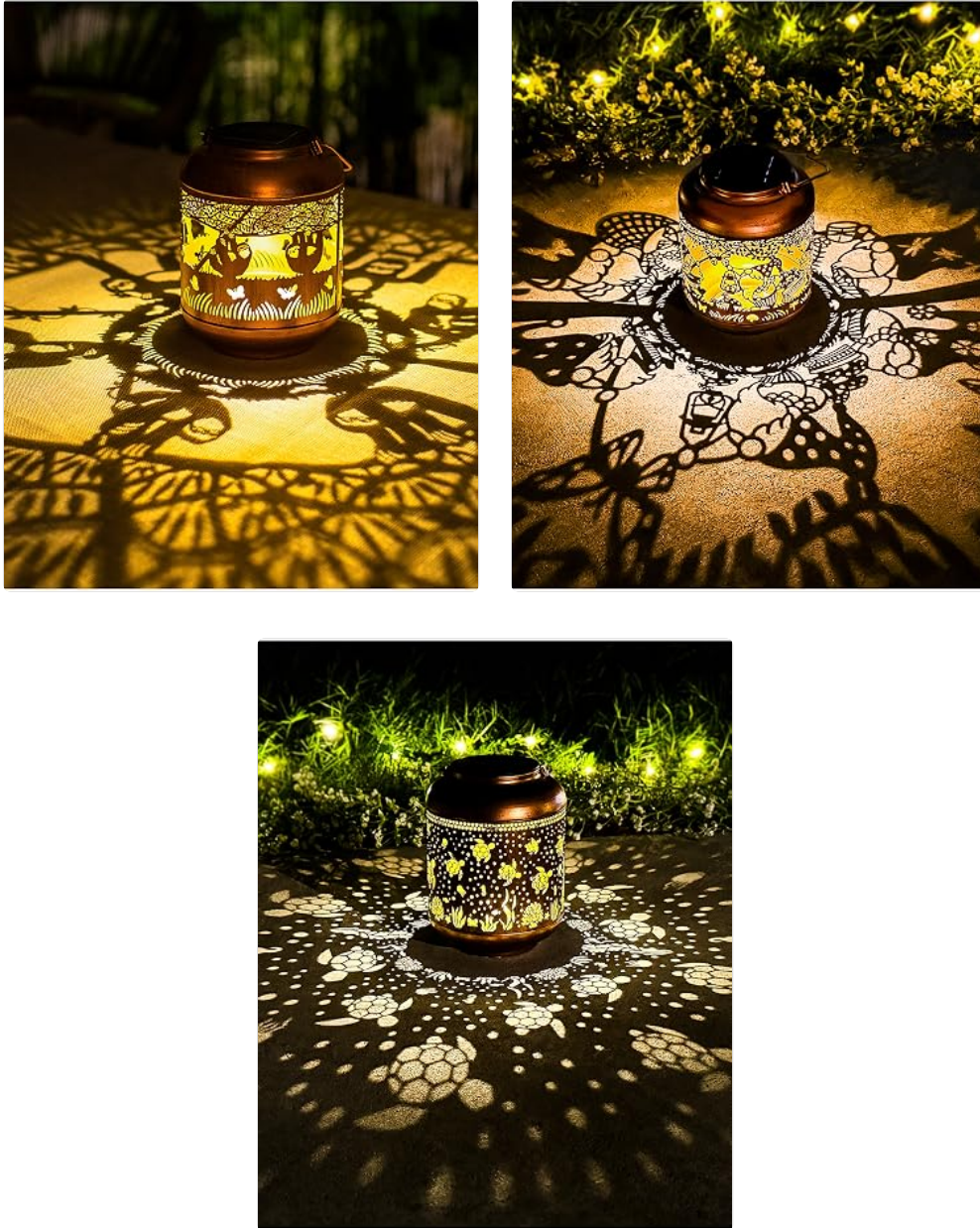


Figure 2: Detailed views of the hanging hook, solar panel, and ON/OFF switch.

3. SETUP

1. **Unpack:** Carefully remove the solar lantern from its packaging. Inspect for any damage.
2. **Activate:** Locate the ON/OFF switch on the underside of the solar panel (refer to Figure 1). Press the button to put it in the "ON" position. The lantern will not charge or light up if the switch is in the "OFF" position.
3. **Initial Charge:** Place the solar lantern in a location where the solar panel can receive at least 6-8 hours of direct sunlight daily. For first-time use, allow the lantern to charge for a full day (6 hours minimum) before its first night operation.
4. **Placement:** Choose a suitable outdoor location. The lantern can be placed on a tabletop, hung from a hook or tree branch, or positioned on the ground. Ensure the location allows for maximum sun exposure and is where you desire the decorative light patterns to be projected.

Auto charging during the day



Auto lights up at night

Figure 3: The solar lantern automatically charges during the day and illuminates at night.

4. OPERATING INSTRUCTIONS

Once the solar lantern is set up and the switch is in the "ON" position, its operation is fully automatic:

- **Daytime:** The integrated solar panel will absorb sunlight and convert it into electrical energy, which is stored in the internal battery. The light will remain off during the day.
- **Nighttime:** As dusk approaches and ambient light levels decrease, the built-in light sensor will automatically activate the LED light, causing the lantern to illuminate and project its decorative patterns.
- **Duration:** On a full charge, the lantern will typically light up for approximately 8 hours.
- **Dawn:** At dawn, as ambient light increases, the light sensor will automatically turn off the LED light, and the charging cycle will resume.

Note: The performance of the solar lantern is directly dependent on the amount of sunlight received. Shady locations or prolonged cloudy weather may reduce illumination time.



Figure 4: The Gnomes Solar Lantern illuminating an outdoor space with its unique projected patterns.

5. MAINTENANCE

To ensure the long-term performance and appearance of your solar lantern, follow these simple maintenance guidelines:

- **Cleaning:** Regularly wipe the solar panel and the metal body with a soft, damp cloth to remove dust, dirt, and debris. A clean solar panel ensures efficient charging. Do not use abrasive cleaners or harsh chemicals.
- **Solar Panel Exposure:** Periodically check that the solar panel is not obstructed by leaves, snow, or other objects that could block sunlight.
- **Battery Care:** While the battery is integrated, ensuring consistent charging by placing the lantern in direct sunlight will help maintain its health. If storing the lantern for an extended period, ensure it is fully charged and turn the switch to the "OFF" position.
- **Weather Resistance:** The lantern is IP65 waterproof, designed to withstand rain and snow. However, for extreme weather conditions (e.g., hurricanes, blizzards), it is advisable to bring the lantern indoors to prevent potential damage.



Figure 5: The lantern's IP65 waterproof design ensures durability in various weather conditions.

6. TROUBLESHOOTING

If your TIGGSY Gnomes Solar Lantern is not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Lantern does not light up at night.	- ON/OFF switch is in the "OFF" position. - Insufficient sunlight for charging. - Solar panel is dirty or obstructed. - Battery is depleted or faulty.	- Ensure the switch is in the "ON" position. - Relocate the lantern to an area with direct sunlight for at least 6-8 hours daily. - Clean the solar panel with a soft, damp cloth. - Allow several days of full charging. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Light is dim or only lasts for a short period.	◦ Not enough direct sunlight. ◦ Solar panel is dirty. ◦ Battery capacity has degraded over time.	◦ Ensure the lantern receives maximum direct sunlight. ◦ Clean the solar panel. ◦ While the battery is not user-replaceable, consistent optimal charging can prolong its life.
Lantern is damaged.	◦ Physical impact or extreme weather.	◦ Contact customer support for assistance.

7. SPECIFICATIONS

Attribute	Value
Model Number	HW-DL-FT-1
Product Dimensions (L x W x H)	5.19" x 5.19" x 6.88"
Item Weight	12 ounces (0.34 Kilograms)
Material	Metal
Power Source	Solar Powered
Light Source Type	Light Emitting Diode (LED)
Water Resistance Level	IP65 Waterproof
Battery Life (on full charge)	Approximately 8 Hours
Wattage	3 watts
Mounting Type	Tabletop Mount
Manufacturer	TIGGSY

8. WARRANTY AND SUPPORT

TIGGSY is committed to customer satisfaction. Your Gnomes Solar Lantern comes with a **30-day return policy** for your peace of mind.

If you encounter any issues or have questions regarding your product, please do not hesitate to contact our support team. We are dedicated to assisting you and ensuring your satisfaction.

For support, please refer to the contact information provided with your purchase or visit the official TIGGSY store page on Amazon: [TIGGSY Store](#).

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