

Peasur YHM-01B

Peasur Solar Lights Outdoor Motion Sensor (Model YHM-01B) - Instruction Manual

Comprehensive guide for setup, operation, and maintenance of your Peasur solar-powered outdoor lights.

1. INTRODUCTION

Thank you for choosing Peasur Solar Lights. This manual provides essential information for the safe and efficient use of your new solar outdoor motion sensor lights. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INFORMATION

- Ensure the solar panel receives direct sunlight for optimal charging performance.
- Do not install the light near other strong light sources, as this may interfere with the light sensor and prevent automatic operation.
- Keep the product away from fire and extreme heat.
- Do not attempt to disassemble or modify the product. This may void the warranty and pose safety risks.
- The product is designed for outdoor use only and is IP65 waterproof. However, avoid submerging it in water.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- Peasur Solar Lights (6 units)
- Mounting Screws and Wall Plugs (for each light)
- Instruction Manual (this document)



Image: Six Peasur solar lights, showing the solar panel, LED array, and motion sensor on each unit.

4. PRODUCT FEATURES

- **140 LED Ultra-Bright Illumination:** Each light is equipped with 140 high-quality LED beads for ample brightness.
- **PIR Motion Sensor:** Built-in sensitive light and PIR detection sensors accurately detect movement of people or animals. Detection distance: 4-5 meters (13-16 feet). Detection angle: 120°. Lighting angle: 180°.
- **3 Lighting Modes:** Customizable lighting options to suit various needs.
- **High Efficiency Solar Panel:** Energy-saving laminated solar panel with a conversion rate of 20-22% for faster charging.
- **IP65 Waterproof:** Constructed from high-quality ABS material, heat-resistant and designed to withstand various weather conditions.



Image: A close-up view of the solar light highlighting the 140 LED array for ultra-bright illumination.



Image: Peasur solar lights mounted on a fence, demonstrating their IP65 waterproof and weather-resistant design in rainy conditions.

5. SETUP AND INSTALLATION

Follow these steps for optimal performance:

1. **Choose Location:** Select an outdoor location where the solar panel can receive direct sunlight for at least 6-8 hours daily. Avoid shaded areas or locations under strong artificial lights at night.
2. **Initial Charge:** Before first use, allow the solar lights to charge in direct sunlight for a full day (6-8 hours) to ensure the battery is fully charged.
3. **Mounting Height:** The ideal installation height is approximately 1.5 to 2 meters (5 to 6.5 feet) from the ground.
4. **Installation Steps:**
 - Mark the desired mounting position on the wall or fence.
 - Drill two holes at the marked positions.
 - Insert the wall plugs into the drilled holes.
 - Align the light with the holes and secure it with the provided screws.

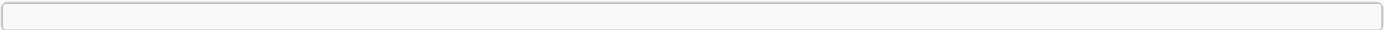


Image: Visual guide for optimal solar light placement, emphasizing direct sunlight exposure and avoiding strong ambient light.



Garage



Stairs



Patio



Fence

Image: Examples of Peasur solar lights installed on a garage wall, along stairs, on a patio wall, and on a fence, demonstrating versatile application.

6. OPERATING INSTRUCTIONS

The Peasur solar lights feature 3 distinct lighting modes. Use the button on the front of the light to cycle through the modes.

MODE 1

3 Modes

to meet diverse needs



Always On:
Medium light



Medium Light All Night

MODE 2

Without Motion:
Dim light



With Motion:
Strong light



Dim Light

Strong Light

Dim Light

MODE 3

Without Motion:
Off



With Motion:
Strong light



No Light

Strong Light

No Light

Image: A visual representation of the three operational modes for the solar lights.

1. Mode 1: Constant Light Mode

The light automatically turns on at a medium brightness level at night and remains on until dawn or until the battery is depleted. It turns off during the day.



Image: Mode 1 in operation, providing continuous medium light throughout the night.

2. Mode 2: Dim Light + Sensing Mode

The light stays on at a low brightness level at night. When motion is detected, it switches to high brightness for approximately 20 seconds, then returns to dim light if no further motion is detected.



Image: Mode 2 in operation, showing the light transitioning from dim to strong upon detecting movement.

3. Mode 3: Detection Mode

The light remains off at night. When motion is detected, it turns on at full brightness for approximately 20 seconds, then turns off completely if no further motion is detected.



Image: Mode 3 in operation, demonstrating the light activating to full brightness only when motion is detected.

To change modes, press the button located on the front of the light. Each press will cycle to the next mode. The light will flash to indicate the mode change.

7. MAINTENANCE

- Regularly clean the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient charging.
- Inspect the lights periodically for any physical damage or loose connections.
- In areas with heavy snow, ensure the solar panel is clear of snow to allow for charging.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	◦ Insufficient sunlight exposure. ◦ Solar panel is dirty. ◦ Installed near another strong light source. ◦ Battery is not charged.	◦ Relocate the light to an area with direct sunlight. ◦ Clean the solar panel. ◦ Move the light away from other light sources. ◦ Allow 6-8 hours of direct sunlight charging.
Light stays on during the day.	◦ Light sensor is obstructed or faulty.	◦ Ensure the light sensor is clean and unobstructed.
Motion sensor is not working.	◦ Sensor is obstructed. ◦ Light is in Mode 1 (Constant Light).	◦ Clear any obstructions from the sensor. ◦ Switch to Mode 2 or Mode 3.
Short lighting duration.	◦ Insufficient charging time. ◦ Battery degradation (over time).	◦ Ensure maximum direct sunlight exposure for charging. ◦ Consider replacing the unit if battery life significantly diminishes after extended use.

9. SPECIFICATIONS

Brand	Peasur
Model Number	YHM-01B
Light Source	140 LED
Brightness	500 Lumen
Color Temperature	6000 Kelvin (Cool White)

Power Source	Solar Powered
Motion Sensor Detection Distance	4-5 meters (13-16 feet)
Motion Sensor Detection Angle	120°
Lighting Angle	180°
Water Resistance Rating	IP65
Material	Acrylonitrile Butadiene Styrene (ABS), Plastic
Product Dimensions	4"L x 1.8"W x 3.7"H (10.3cm L x 4.5cm W x 9.2cm H)
Item Weight	13.1 ounces (per light)
Installation Type	Flush Mount

Product specifications

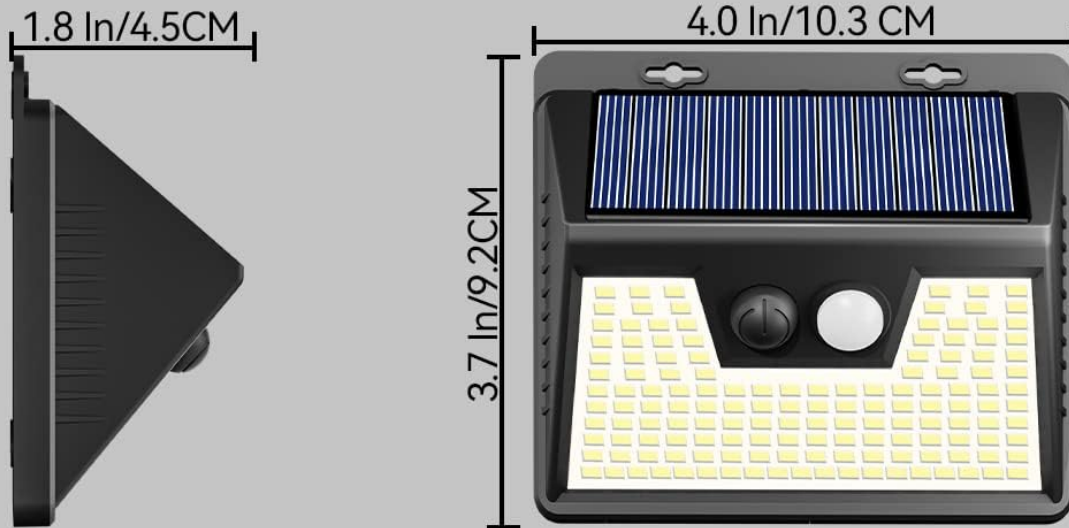


Image: Detailed dimensions of the Peasur solar light unit.

10. WARRANTY AND SUPPORT

Peasur provides a **2-year warranty** for this product. For any questions, concerns, or technical support, please contact Peasur customer service through the retailer where the product was purchased.

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.

Name

Anonymous

Email

you@example.com

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