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› Peasur Solar Motion Sensor Outdoor Security Lights (Model TBD-13) User Manual

Peasur TBD-13

Peasur Solar Motion Sensor Outdoor Security Lights (Model TBD-13) User Manual

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Peasur Solar Motion Sensor Outdoor Security Lights, Model TBD-13. These lights are designed to provide efficient and reliable outdoor illumination using solar power and motion detection technology.



A pack of six black Peasur solar motion sensor outdoor security lights, designed for wall mounting.

2. SAFETY INFORMATION

Please read all safety instructions before installing or using the product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the product.
- Keep the product away from fire and high temperatures.
- Ensure the installation surface is stable and can support the weight of the light.
- Do not immerse the product in water. While waterproof, prolonged submersion is not recommended.
- Dispose of the product and its components responsibly according to local regulations.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Peasur Solar Motion Sensor Outdoor Security Lights (6 units)
- Mounting Screws and Wall Plugs (for 6 units)
- User Manual

4. SPECIFICATIONS

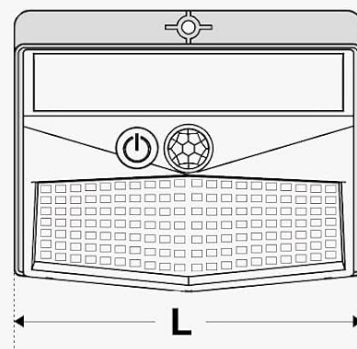
Brand	Peasur
Model Number	TBD-13
Material	Acrylonitrile Butadiene Styrene (ABS)
Color	Black
Product Dimensions	4.1"L x 3.3"W x 1.7"H
Waterproof Level	IP65
Light Source Type	LED (138 LEDs)
Brightness	200 Lumen
Motion Sensor Detection Angle	120°
Motion Sensor Detection Distance	6-8 meters
Recommended Installation Height	3 meters or less
Power Source	Solar Powered



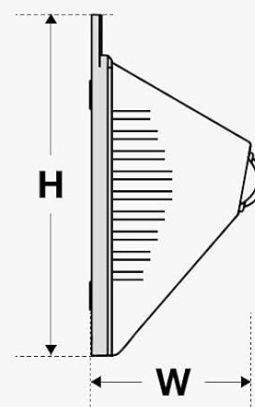
Product Size



Front



Side



138 LED Solar Outdoor Lights

Material	Size	Waterproof level
ABS+PC	(L*W*H) 4.1*3.3*1.7 inch	IP65
Installation height	Detection angle	Detection distance
3 m or Less	120°	6-8 m

A detailed diagram providing the product's dimensions (4.1"L x 3.3"W x 1.7"H), material (ABS+PC), waterproof level (IP65), recommended installation height (3m or less), detection angle (120°), and detection distance (6-8m).

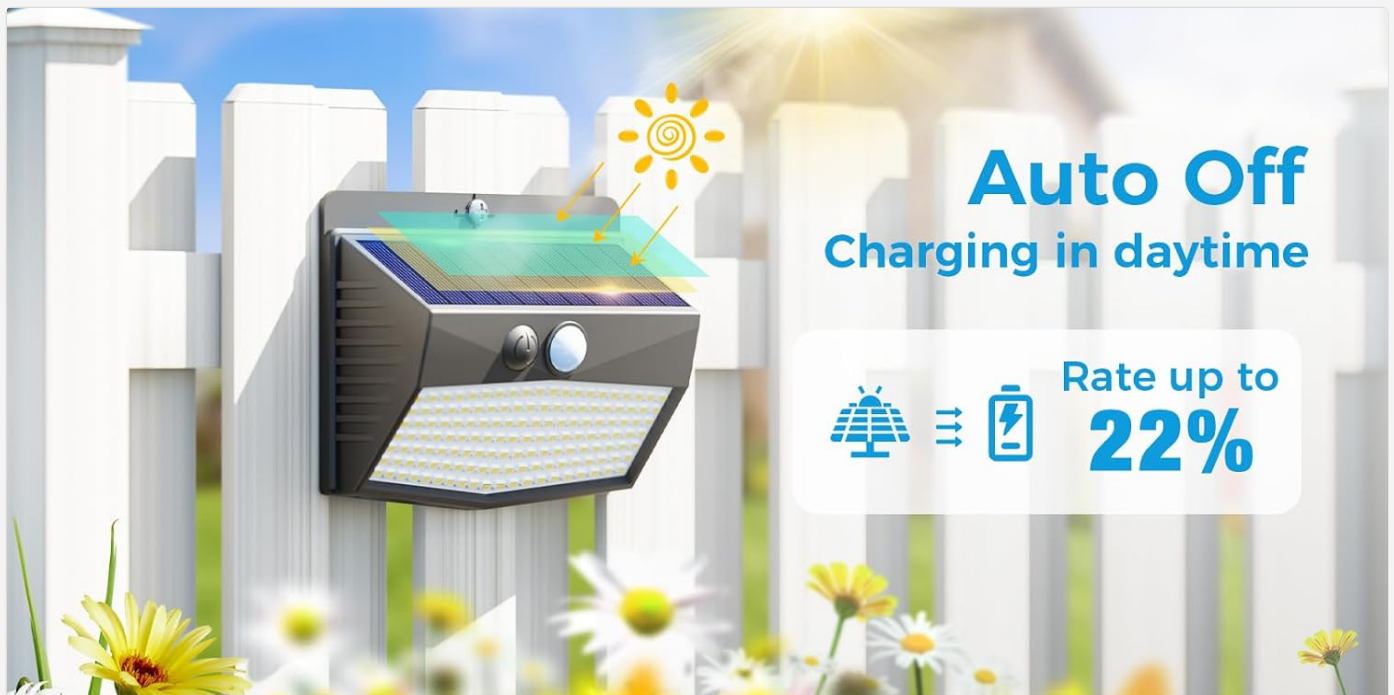
5. SETUP AND INSTALLATION

Follow these steps to install your solar lights:

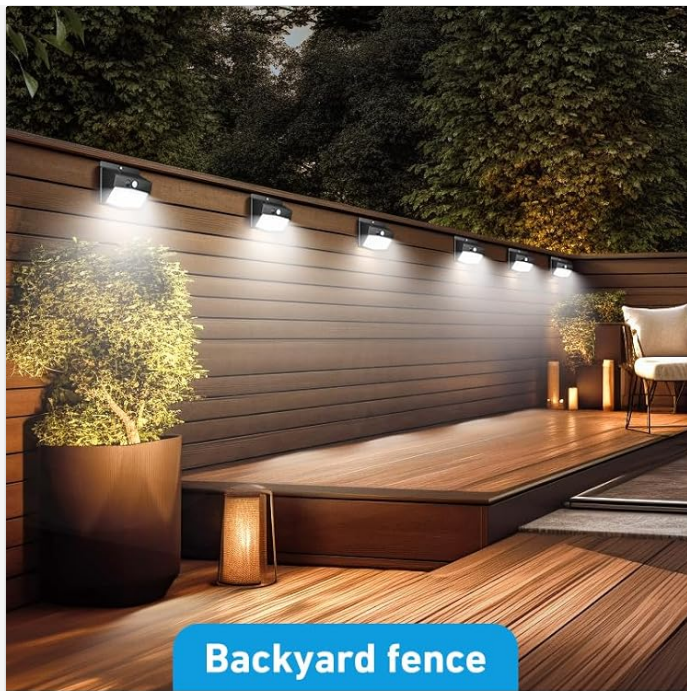
- Choose an Optimal Location:** Select a location that receives direct sunlight for at least 6-8 hours daily. This ensures maximum charging efficiency for the solar panel. Avoid areas under eaves, trees, or other obstructions that may block sunlight.
- Initial Charge:** Before first use, allow the lights to charge in direct sunlight for a full day (8-10 hours) to ensure the internal battery is fully charged.
- Mounting:**
 - 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 using the provided screws.

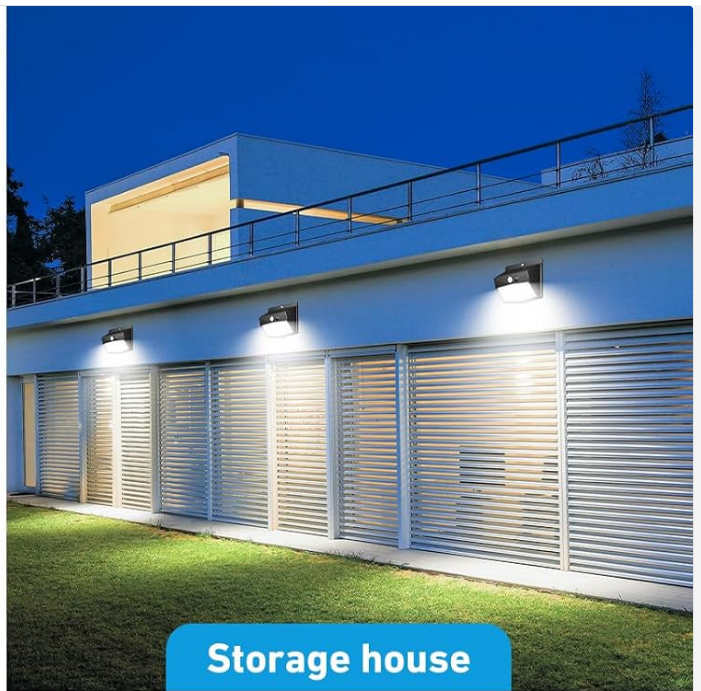
4. **Test Functionality:** After installation, cover the solar panel to simulate darkness. The light should activate according to the selected mode.



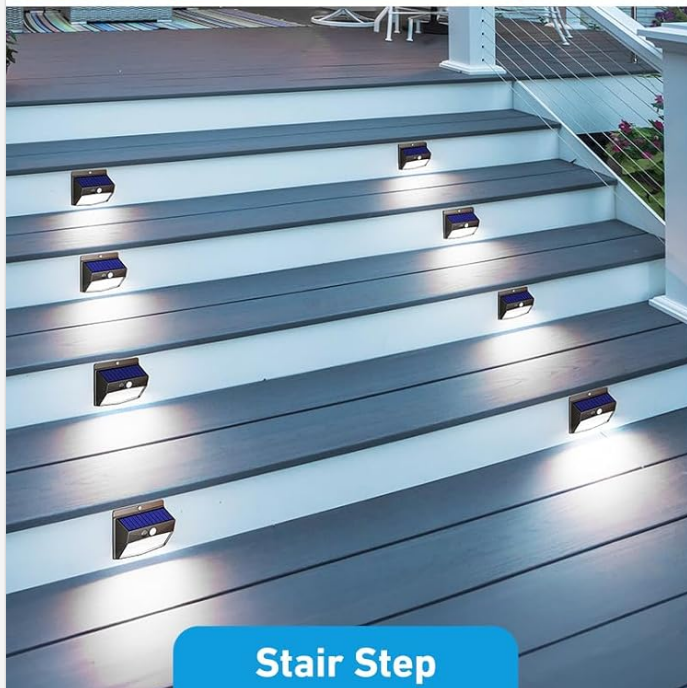
This image illustrates the solar light's automatic function: charging in daylight and illuminating at night. The solar panel efficiently converts sunlight into energy.



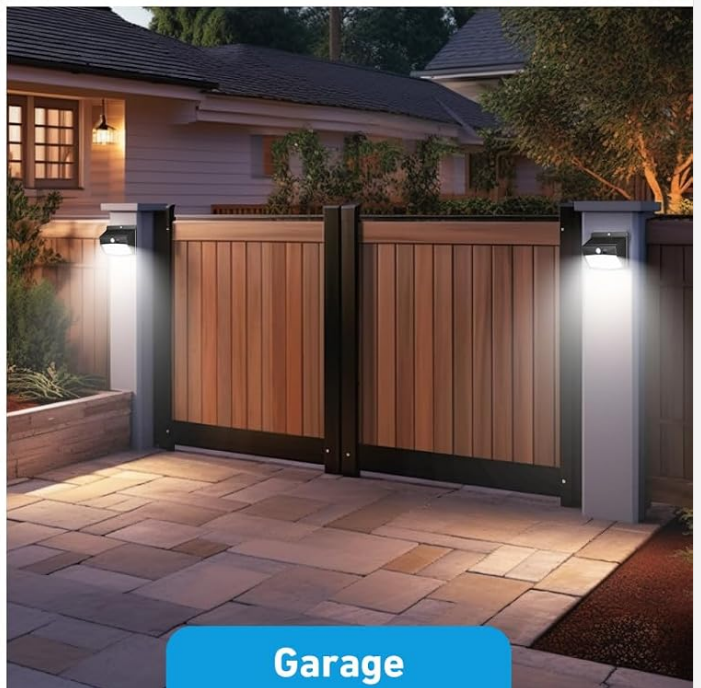
Backyard fence



Storage house



Stair Step



Garage

This image showcases the versatility of the solar lights, illustrating their effective use on fences, storage house walls, stair steps, and garage areas for enhanced illumination and security.

6. OPERATING INSTRUCTIONS

The Peasur Solar Lights feature a single button to cycle through three distinct lighting modes. The light will automatically turn on at dusk and off at dawn, operating according to the selected mode.

Mode Selection:

Press the power button located on the front of the light to switch between modes:

1. **Mode 1 (Medium Light Mode):** Press the button once. The light will stay on at a medium brightness (approximately 50% of full brightness) continuously from dusk until dawn.
2. **Mode 2 (Dim Light Sensor Mode):** Press the button twice. The light will stay on at a dim brightness (approximately 10% of full brightness) from dusk. When motion is detected, it will brighten to full brightness for approximately 15-20 seconds, then return to dim.

3. **Mode 3 (Sensor Mode - Recommended):** Press the button three times. The light will remain off at dusk. When motion is detected, it will turn on at full brightness for approximately 15-20 seconds, then turn off completely. This mode conserves battery life and is ideal for security lighting.

To turn the light off, press the button a fourth time. To reactivate, press the button again to cycle through the modes.



This diagram details the three operational modes: 1. Medium Light Mode (constant illumination). 2. Dim Light Sensor Mode (dim light, brightens with motion). 3. Sensor Mode (off, brightens with motion).

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your solar lights.

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures efficient sunlight absorption.
- **Battery Care:** The integrated battery is designed for long-term use. If the light's performance diminishes over time, ensure the solar panel is receiving adequate direct sunlight.

- **Environmental Protection:** While the lights are IP65 waterproof, extreme weather conditions (e.g., prolonged heavy snow, hailstorms) may temporarily affect performance. Ensure the lights are securely mounted.



The image highlights the light's durability against various weather conditions, including rain, frost, heat, and wind, ensuring reliable outdoor performance.

8. TROUBLESHOOTING

If your solar light is not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel receives 6-8 hours of direct sunlight daily. Clean the solar panel.
Light duration is short.	Insufficient charge or low battery.	Relocate the light to an area with more direct sunlight. Allow for a full day's charge.

Motion sensor is not working.	Incorrect mode selected or sensor obstruction.	Ensure Mode 2 or Mode 3 is selected. Clear any obstructions in front of the motion sensor.
Light flickers or is dim.	Low battery charge.	Allow the light to charge for a full day in direct sunlight.

9. WARRANTY AND SUPPORT

Peasur products are manufactured with quality and reliability in mind. For specific warranty details, please refer to the product packaging or contact your retailer.

If you encounter any issues or require assistance with your Peasur Solar Motion Sensor Outdoor Security Lights, please contact customer support through the retailer's platform or the official Peasur store. When contacting support, please provide your product model number (TBD-13) and a detailed description of the issue.

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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