

Peasur TBD-13

Peasur Solar Outdoor Lights

MODEL: TBD-13

Brand: Peasur

1. Introduction

Thank you for choosing Peasur Solar Outdoor Lights. These lights are designed to provide efficient and reliable outdoor illumination using solar power. Featuring a motion sensor and multiple lighting modes, they enhance visibility and security around your home, garden, fence, yard, or deck. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your product.

2. Safety Information

- Do not disassemble or modify the product. Unauthorized modifications may cause damage or injury.
- Keep the product away from fire or high temperatures to prevent battery explosion or leakage.
- Ensure the solar panel is exposed to direct sunlight for optimal charging. Avoid shaded areas.
- Do not immerse the product in water. While waterproof, prolonged submersion can cause damage.
- Handle with care during installation to avoid dropping or damaging the unit.

3. Package Contents

- Peasur Solar Outdoor Lights (10-pack)
- Mounting Screws and Wall Plugs
- User Manual

4. Product Features



An array of Peasur Solar Outdoor Lights, showcasing the 10-pack configuration. Each light features a solar panel on top and a grid of 138 LEDs below, designed for outdoor illumination.

- **High Brightness:** Equipped with 138 LED lamp beads and 180° wide-angle, single-sided lighting for broad illumination.
- **3 Lighting Modes & Motion Sensor:** Features a sensitive built-in motion sensor and three adjustable lighting modes to suit various needs.
- **High-Efficiency Solar Panel:** Solar energy conversion rate is enhanced from 20% to 22%, ensuring faster charging and longer illumination times.
- **Durable & Weatherproof:** Constructed from high-quality, durable ABS material with an LED protection screen, providing IP65 waterproof and weather-resistant performance against rain, heat, and frost.
- **Easy Installation:** Simple to install without wiring, using the provided screws. Ideal for various outdoor locations.

5. Setup and Installation



Four-step visual guide for installing the solar lights: 1. Activate and set the mode, 2. Cover the solar panel to test, 3. Install in sunny locations, 4. Automatic recharging during the day.

1. **Activate the Light:** Before initial use, press the ON/OFF button on the light to activate it and select your desired lighting mode.
2. **Test Functionality:** Cover the solar panel completely to simulate darkness. The light should turn on according to the selected mode. If it does not, ensure it is activated and charged.
3. **Choose Installation Location:** Select a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging. The recommended installation height is 3 meters or less.
4. **Mount the Light:** Use the provided screws and wall plugs to securely mount the light to a wall, fence, or other suitable surface.
5. **Automatic Operation:** Once installed and charged, the lights will automatically recharge during the day and illuminate at night based on the selected mode.

6. Operating Instructions (Lighting Modes)



Visual representation of the three distinct lighting modes: Mode 1 (Medium Light), Mode 2 (Dim Light Sensor), and Mode 3 (Sensor Mode), detailing their behavior with and without motion detection.

Press the mode button on the light to cycle through the following 3 lighting modes:

- **Mode 1 (Constant Light Mode):** The light automatically turns on at medium brightness at night and turns off during the day.
- **Mode 2 (Dim Light Sensor Mode):** The light stays at low brightness when no motion is detected. It switches to full brightness when motion is detected and returns to low brightness after approximately 20 seconds of no motion.
- **Mode 3 (Sensor Mode - Recommended):** The light remains off when no motion is detected. It switches to full brightness when motion is detected and turns off after approximately 20 seconds of no motion.

Your browser does not support the video tag.

Official product video from Peasur demonstrating the 10-pack solar motion lights and their features.

7. Maintenance

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.

- **Optimal Placement:** Periodically check that the lights are still in a location receiving ample direct sunlight. Trim any overhanging branches or remove new obstructions that may cast shadows on the solar panel.
- **Inspect for Damage:** Occasionally inspect the lights for any physical damage or loose mounting. Address any issues promptly to maintain performance and safety.

8. Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient sunlight exposure; Light not activated; Battery depleted.	Ensure solar panel receives 6-8 hours of direct sunlight. Press the ON/OFF button to activate. Allow 1-2 days for full charge.
Short illumination time.	Insufficient charging due to cloudy weather or shaded location.	Relocate the light to a sunnier spot. Ensure the solar panel is clean.
Motion sensor not responding.	Incorrect mode selected; Sensor obstructed.	Ensure Mode 2 or Mode 3 is selected. Clear any obstructions from the sensor.

9. Specifications



Solar Outdoor Lights

138 LED

Material

ABS+PC

Size(L*W*H)

4.1*3.3*1.7 inch

Waterproof level

IP65

installation height

3 m or Less

Detection angle

120°

Detection distance

6-8 m

Detailed diagram showing the dimensions and key specifications of the Peasur Solar Outdoor Light.

Feature	Detail
Brand	Peasur
Model Number	TBD-13
Color	Black
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	4.1"L x 3.3"W x 1.7"H
Power Source	Solar Powered
Light Source Type	LED (138 LEDs)
Brightness	1380 Lumens
Water Resistance Level	IP65 Waterproof

Feature	Detail
Detection Angle	120°
Detection Distance	6-8 meters (Max 26ft)
Solar Conversion Rate	Up to 22%

10. Warranty and Support

Specific warranty information for the Peasur Solar Outdoor Lights (Model TBD-13) is not provided in this manual. For detailed warranty terms, technical support, or any product-related inquiries, please refer to the product packaging or contact Peasur customer service directly through their official website or the retailer where the product was purchased.