

[Manuals.plus](#) /

› [Peasur](#) /

› Peasur Solar Lights Outdoor Waterproof 140LED Motion Sensor Light Instruction Manual

Peasur Solar Lights Outdoor Waterproof 140LED

Peasur Solar Lights Outdoor Waterproof 140LED Motion Sensor Light

Instruction Manual

INTRODUCTION

Thank you for choosing Peasur Solar Lights. These outdoor waterproof lights are designed to provide efficient and reliable security lighting for your home and garden. Featuring 140 ultra-bright LEDs, a high-efficiency solar panel, and a sensitive PIR motion sensor, these lights offer three distinct operating modes to suit various needs. Please read this manual carefully before installation and use to ensure optimal performance and longevity of your product.

SAFETY INFORMATION

- Ensure the product is installed in a location where it receives direct sunlight for at least 6-8 hours daily to ensure proper charging.
- Do not disassemble, repair, or modify the product yourself. This may cause damage and void the warranty.
- Keep the product away from fire and high temperatures.
- Avoid direct eye exposure to the LED light, as it can be very bright.
- Dispose of the product and its components responsibly according to local regulations at the end of its lifespan.

PACKAGE CONTENTS

Please check the package to ensure all items are present:

- Peasur Solar Lights (8 units)
- Mounting Screws and Wall Plugs (for each light)
- User Manual

PRODUCT FEATURES

- **IP65 Waterproof:** Constructed from high-quality ABS material, designed to withstand extreme weather conditions, ensuring durability and reliable operation.
- **140 Ultra-Bright LEDs:** Each light is equipped with 140 high-quality LED beads, providing ample brightness for outdoor areas.
- **High-Efficiency Solar Panel:** Features an energy-saving laminated solar panel with a conversion rate of 20-22%, ensuring

faster charging during the day and longer lighting duration at night.

- **PIR Motion Sensor:** Built-in sensitive light sensor and PIR detection sensor accurately detect motion up to 4-5 meters away with a 120° detection angle. The lighting angle is 180°.
- **3 Lighting Modes:** Offers three distinct operational modes to cater to various security and illumination requirements.



Image: The solar light demonstrating its IP65 waterproof rating, indicating resistance to frost and heat, making it suitable for all weather conditions.



Ultra-Bright
140LED

Image: A close-up view highlighting the 140 LED beads, emphasizing the ultra-bright illumination capability of the solar light.

SETUP AND INSTALLATION

Follow these steps for easy installation:

1. **Choose an Installation Location:** Select a location that receives direct sunlight for 6-8 hours daily to ensure the solar panel charges effectively. The ideal installation height is approximately 1.5 to 2 meters (5 to 6.5 feet) from the ground.

2. Mounting Method 1 (Screws):

- Mark the positions for two holes on the wall.
- Drill the holes and insert the wall plugs.
- Align the light with the holes and secure it with the provided screws.

3. Mounting Method 2 (Adhesive Tape - Not Included):

- Clean the mounting surface thoroughly.
- Apply strong adhesive tape (not included) to the back of the solar light.
- Press the light firmly onto the desired surface. Ensure the surface is smooth and clean for optimal adhesion.

4. Initial Charge: Allow the solar light to charge in direct sunlight for at least 6-8 hours before first use to ensure the battery is fully charged.

1.Press it once,twice and three times to switch different modes



2.Install method 1:Drill two hole and install the light with the screws(Included)



3.Install method 2:Stick it with adhesive tape(Not included)



4.Auto Charing and Lighting



Image: Visual guide for installing the solar lights, illustrating both drilling with screws and using adhesive tape (not included) for mounting.

*Conversion Rate
Up to 20%~22%*



6-8h

Charging during
the day under sun



8-12h

Automatically turn on
at night

Image: Diagram showing the solar light's charging process during the day (6-8 hours) and automatic illumination at night (8-12 hours).

OPERATING INSTRUCTIONS

The Peasur Solar Lights feature a single button to cycle through three distinct lighting modes. Press the button once, twice, or three times to switch between modes.

- **MODE 1 (Constant Light Mode):** The light automatically turns on at night with medium brightness and stays on

continuously until dawn or battery depletion.

- **MODE 2 (Sensing Mode: Dim Light - High Light):** The light stays in dim brightness at night. When motion is detected, it switches to high brightness for approximately 15-30 seconds, then returns to dim brightness if no further motion is detected.
- **MODE 3 (Detection Mode: No Light - High Light):** The light remains off at night. When motion is detected, it turns on with high brightness for approximately 15-30 seconds, then turns off completely if no further motion is detected.

The light will automatically turn off during the day to charge.

MODE 1

Always On:
Medium light

 **X 1**

MODE 2

Without Motion:
Dim light

↓

With Motion:
Strong light

 **X 2**

MODE 3

Without Motion:
Off

↓

With Motion:
Strong light

 **X 3**

3 Modes to meet diverse needs



Medium Light All Night



Dim Light Strong Light Dim Light



No Light Strong Light No Light

Image: A visual representation of the three lighting modes: Mode 1 (Always On Medium Light), Mode 2 (Dim Light to Strong Light with

motion), and Mode 3 (Off to Strong Light with motion).

MAINTENANCE

To ensure your Peasur Solar Lights continue to function optimally, follow these maintenance guidelines:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Check Mounting:** Periodically inspect the mounting screws or adhesive to ensure the light remains securely attached to the wall.
- **Clear Obstructions:** Ensure no new obstructions (e.g., growing branches, new structures) are blocking direct sunlight from reaching the solar panel.
- **Winter Performance:** In winter, due to reduced sunlight intensity and shorter days, the solar lights may not receive enough energy. This can result in lower brightness and shorter working times at night. This is normal and not a defect.

TROUBLESHOOTING

If your solar light is not working as expected, try the following solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient sunlight exposure during the day.	Ensure the solar panel is in a location that receives 6-8 hours of direct sunlight. Clean the solar panel.
Light duration is short.	Battery not fully charged due to cloudy weather or insufficient sunlight.	Allow for several sunny days of charging. Consider seasonal changes affecting sunlight.
Motion sensor not detecting.	Sensor is dirty or obstructed.	Clean the sensor lens. Ensure no objects are blocking the sensor's field of view.
Light flickers or is dim.	Low battery charge.	Allow the light to charge for a full day in direct sunlight.

SPECIFICATIONS

Feature	Detail
Brand	Peasur
Model	Solar Lights Outdoor Waterproof 140LED
LED Quantity	140 LEDs
Material	Acrylonitrile Butadiene Styrene (ABS)
Waterproof Rating	IP65
Motion Sensor Detection Distance	4-5 meters
Motion Sensor Detection Angle	120°
Lighting Angle	180°
Solar Panel Conversion Rate	20-22%

Feature	Detail
Dimensions (Approx.)	10.3 cm (4.0 in) width x 9.2 cm (3.7 in) height x 4.5 cm (1.8 in) depth

Product specifications

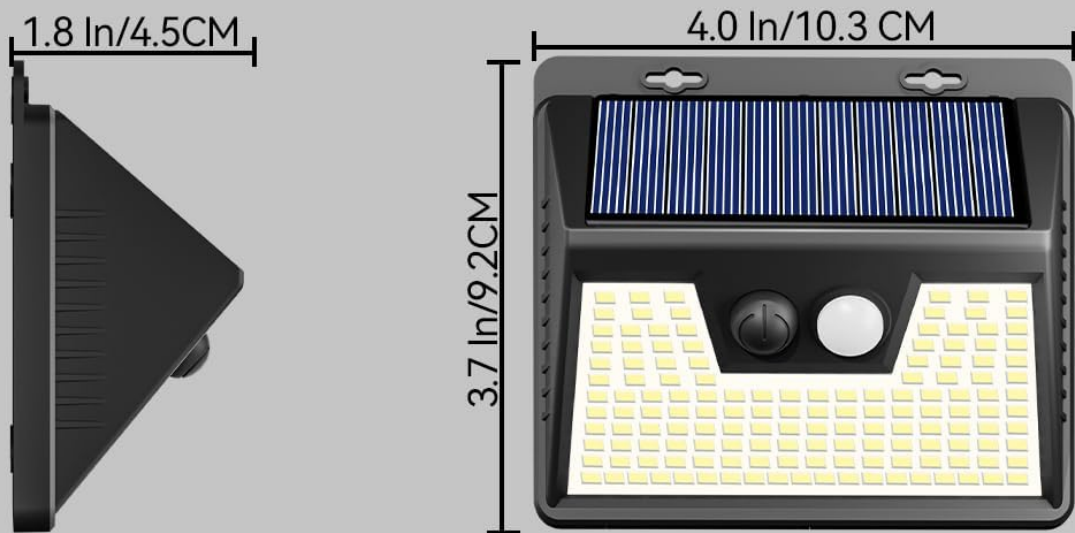


Image: A detailed diagram illustrating the physical dimensions of the Peasur Solar Light.

Peasur products are manufactured with high-quality materials and undergo strict quality control. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

SUPPORT

For further assistance, technical support, or warranty inquiries, please refer to the Peasur official store or contact customer service through the platform where you purchased the product.

You can visit the Peasur Store for more information: [Peasur Store](#)

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