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JESLED SW-SWL108-02

JESLED Solar Light User Manual

Model: SW-SWL108-02

1. INTRODUCTION

Thank you for choosing the JESLED Solar Light. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new solar light. Please read this manual thoroughly before use to ensure optimal performance and longevity of the product. Keep this manual for future reference.

2. PRODUCT OVERVIEW

Key Features

- 108 high-brightness LEDs, providing up to 3,200 lumens of illumination.
- Equipped with a 2,600 mAh high-capacity battery, rechargeable via solar panel or USB.
- Features 4 smart operating modes: Sensing Mode, Sensing and Dimming Mode, Dimmer Mode, and Highlight Mode.
- Adjustable angle solar panel for maximum sunlight absorption.
- Easy to install with no complicated wiring required.
- IP65 waterproof rating and durable ABS material for all-weather outdoor use.

Product Components

The JESLED Solar Light consists of a main light unit with integrated LEDs, a motion sensor, a solar charging panel, and a replaceable battery. The adjustable design allows for flexible positioning.



An angled view of the JESLED Solar Light, highlighting its integrated solar panel and LED light array.

ソーラ センサーライト



An exploded view showing the internal layout of the JESLED Solar Light, including the 108 high-brightness LEDs, USB charging port, mode switch button, and the easily replaceable battery compartment.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged. The package typically includes the JESLED Solar Light unit and necessary mounting hardware.

4. SETUP

Installation Guide

- 1. Choose a Location:** Select an outdoor location that receives direct sunlight for most of the day to ensure optimal solar charging. Avoid areas under eaves, trees, or other obstructions that might block sunlight.
- 2. Mount the Light:** Use the provided mounting hardware to securely attach the light to a wall or desired surface. Ensure the light is mounted at a height that allows for effective motion detection and light distribution.
- 3. Adjust Solar Panel Angle:** Once mounted, adjust the angle of the solar panel to face the sun directly. The panel can be adjusted up to 180 degrees horizontally and 45 degrees vertically to maximize sunlight exposure.

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



The solar panel can be adjusted up to 180 degrees horizontally and 45 degrees vertically to optimize sunlight absorption for efficient charging.



This image illustrates the automatic solar charging during the day and the bright illumination provided by the sensor light at night. It also indicates USB charging capability.

5. OPERATING INSTRUCTIONS

Powering On/Off

To turn the light ON or OFF, locate the power button on the unit. **Long press the power button for 3 seconds** to toggle the light's power state.

Smart Modes

The JESLED Solar Light offers four smart operating modes to suit various lighting needs. Press the power button briefly to cycle through the modes:

1. **Sensing Mode:** The light remains OFF when no motion is detected. It turns ON with high brightness when motion is detected, then turns OFF after 15-20 seconds of no motion.
2. **Sensing and Dimming Mode:** The light stays in a dim state when no motion is detected. It brightens to high brightness when motion is detected, then returns to dim after 15-20 seconds of no motion.
3. **Dimmer Mode:** The light maintains a continuous dim illumination throughout the night, regardless of motion.

4. **Highlight Mode:** The light stays on at high brightness continuously throughout the night, regardless of motion.

4つのスマートライトモード

1: 人の動きが検知されない場合、ライトは消灯状態を維持します。



1. センサーモード

2: 人の動きが検知されると、ライトが点灯します。



3: 人が離れると、ライトは自動的に消灯します。



1: 人の動きが検知されない場合、ライトは薄暗い状態を維持します。



2. センサー・DIMモード

2: 人の動きが検知されると、ライトは明るく点灯します。



3: 人物が離れると、ライトは引き続き薄暗い状態を維持します。



3. 常時点灯モード 電源を5秒間長押し（緑）オン/オフ。

人が通るかどうかに関わらず、ライトは常に点灯状態を維持します。




4. DIMモード

人が通るかどうかに関わらず、ライトは常に薄暗い状態を維持します。




A visual guide to the four operational modes: Sensing Mode, Sensing and Dimming Mode, Dimmer Mode, and Highlight Mode, showing how the light behaves in different scenarios.

Motion Sensor Functionality

The integrated motion sensor detects movement within its range, triggering the light according to the selected mode. The sensor has a detection range of up to 10 meters and a 120-degree angle.

人体検知センサーと高輝度LEDビーズ

モーションセンサー



108個の高輝度LEDビーズが、6000ルーメンの明るさをもたらし、夜の生活を明るくします



This diagram shows the motion sensor's effective detection range, covering an area of up to 10 meters with a 120-degree angle, ensuring wide coverage for security and convenience.

6. MAINTENANCE

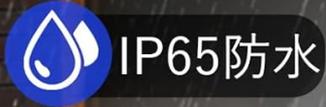
Cleaning and Care

To ensure optimal performance, regularly clean the solar panel and LED surface with a soft, damp cloth to remove dust, dirt, or debris. Do not use abrasive cleaners or solvents.

Battery Replacement

The battery in your JESLED Solar Light is designed to be replaceable. If you notice a significant decrease in performance over time, the battery may need to be replaced. Refer to the product components diagram for the battery compartment location. Use only compatible replacement batteries.

屋外 防水 ソーラーライト どんな天気にも適合する



耐热性



耐寒性

This image highlights the light's IP65 waterproof rating, indicating its durability against rain, snow, and extreme temperatures, making it suitable for all-weather outdoor use.

7. TROUBLESHOOTING

Common Issues and Solutions

- **Light does not turn on at night:**

- Ensure the light is switched ON (long press the power button for 3 seconds).
- Verify the solar panel is receiving sufficient direct sunlight during the day. Relocate if necessary.
- Check if the battery is fully charged. Allow a full day of charging.
- Ensure there is no ambient light (e.g., streetlights) interfering with the light sensor.

- **Light is dim or runs for a short period:**

- The battery may not be fully charged due to insufficient sunlight or prolonged cloudy weather.
- Clean the solar panel to remove any dirt or debris that might be obstructing sunlight.
- Consider replacing the battery if it's old or frequently underperforming.

- **Motion sensor not detecting:**

- Ensure the light is in a motion-sensing mode (Sensing Mode or Sensing and Dimming Mode).
- Check for obstructions in front of the sensor.
- Verify the installation height and angle are appropriate for the desired detection area.

8. SPECIFICATIONS

Specification	Value
Brand	JESLED
Model Number	SW-SWL108-02
Light Source	108 LEDs
Brightness	3,200 Lumens
Battery Capacity	2,600 mAh
Power Source	Solar Powered, USB Rechargeable
Material	Acrylonitrile Butadiene Styrene (ABS)
Waterproof Rating	IP65
Motion Sensor Range	Up to 10 meters, 120-degree angle
Product Dimensions	19.5 x 19 x 6.5 cm
Weight	500 g

9. WARRANTY AND SUPPORT

Warranty Information

The JESLED Solar Light comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and issues arising from normal use. Please retain your proof of purchase for warranty claims.

Customer Support

If you have any questions about the product, require technical assistance, or need to make a warranty claim, please do not hesitate to contact JESLED customer support. Your satisfaction is our priority.

For support, please visit the official JESLED store on Amazon or contact us through the platform where you purchased the product.