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› JESLED Solar Flood Light User Manual

JESLED SW-SWLS90-01

JESLED Solar Flood Light User Manual

Model: SW-SWLS90-01

1. PRODUCT OVERVIEW

The JESLED Solar Flood Light is an advanced outdoor lighting solution featuring 90 super bright LEDs, a sensitive PIR motion sensor, and multiple operating modes. Designed for durability, it is waterproof and can be charged via its integrated solar panel or a USB connection, offering versatile and energy-efficient illumination for various outdoor areas.



Figure 1: JESLED Solar Flood Light with included remote control.

2. WHAT'S IN THE BOX

- 1 x JESLED Solar Flood Light
- 1 x Remote Control
- 1 x User Manual
- Installation Hardware (screws, anchors)



Figure 2: The solar flood light unit, remote, and installation hardware.

3. SETUP & INSTALLATION

For optimal performance, install the solar flood light in a location that receives direct sunlight for at least 6-8 hours daily. Ensure the solar panel is unobstructed.

3.1 Mounting Location

- Choose a wall or surface where the light can illuminate the desired area.
- The suggested installation height is between 2.5 and 3.5 meters (approximately 8.2 to 11.5 feet) for effective motion detection and illumination spread.

3.2 Installation Steps

1. Use the provided sticker or the back of the light as a template to mark the drilling points on the wall.
2. Drill holes at the marked points.
3. Insert the plastic anchors into the drilled holes.
4. Align the light with the anchors and secure it using the provided screws.
5. Ensure the solar panel is facing upwards to receive maximum sunlight.



Figure 3: Visual guide for mounting the solar flood light.

4. OPERATING MODES & REMOTE CONTROL

The JESLED Solar Flood Light offers four adjustable operating modes and three color temperature options, controllable via the included remote.

4.1 Operating Modes

- **Sensor Mode (M1):** Stays off when no motion is detected. Turns on to full brightness when motion is detected.
- **Sensor & Dim Mode (M2):** Stays on dim light when no motion is detected. Turns on to full brightness when motion is detected.
- **Dim Mode (M3):** Stays on dim light all night. The solar lights will automatically turn on/off with the dusk-to-dawn photocell.
- **Highlight Mode (EM):** Press the power button (Green) on the light for 5 seconds to turn on/off. This mode provides continuous bright light for over 6 hours.

Sensitive PIR Motion Sensor



20FT Motion detection range
Upgraded motion detection chip

Figure 4: Detailed explanation of each operating mode.

4.2 Color Temperature Control

The remote allows you to switch between three color temperatures: Warm White (3000K), Neutral Light (4000K), and Cool White (5000K-6000K).

Three color temperatures



Figure 5: Choose from warm, neutral, or cool white light.

4.3 Remote Control Functions

The remote control provides convenient access to all light settings:

- **ON/OFF:** Power the light on or off.
- **M1, M2, M3:** Select the desired operating mode.
- **EM:** Activate Emergency/Highlight Mode.
- **Color Temperature Buttons:** Switch between Warm, Neutral, and Cool White.

Your browser does not support the video tag. Please update your browser.

Video 1: Demonstration of the remote control functions and color temperature switching. This video is provided by JESLED US Direct.

5. CHARGING & POWER

The JESLED Solar Flood Light is primarily solar-powered but also offers a USB charging option for convenience.

5.1 Solar Charging

- The integrated polysilicon solar panel (2.5W) efficiently converts sunlight into electricity.
- Ensure the solar panel is clean and free from obstructions for optimal charging.
- Charging time is approximately 4-5 hours in direct sunlight.

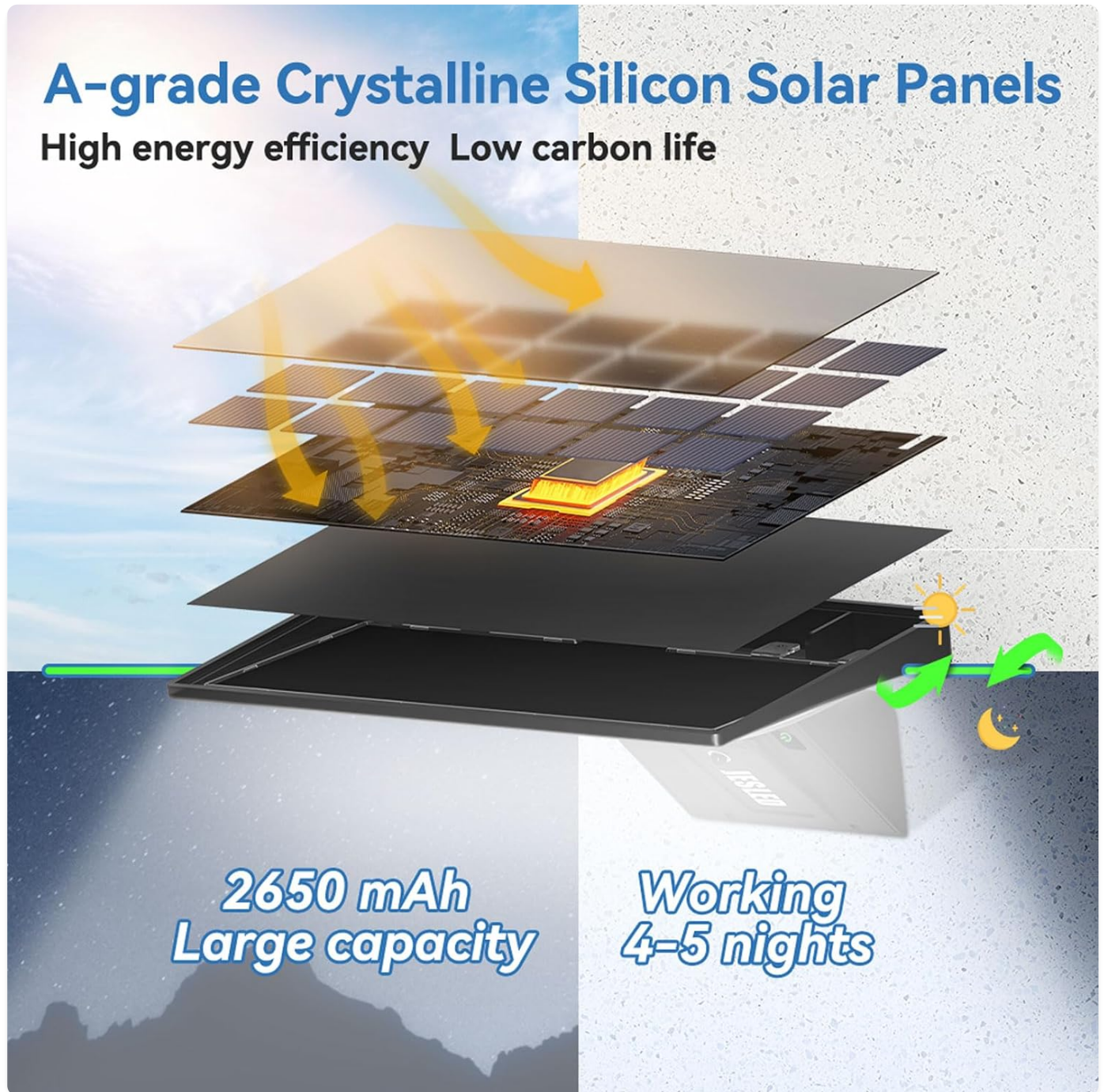


Figure 6: The solar panel charges the 2600mAh battery for 4-5 nights of operation.

5.2 USB Charging

- For areas with limited sunlight or during prolonged cloudy periods, the light can be charged via its USB port.
- USB charging time is approximately 1.5 hours.

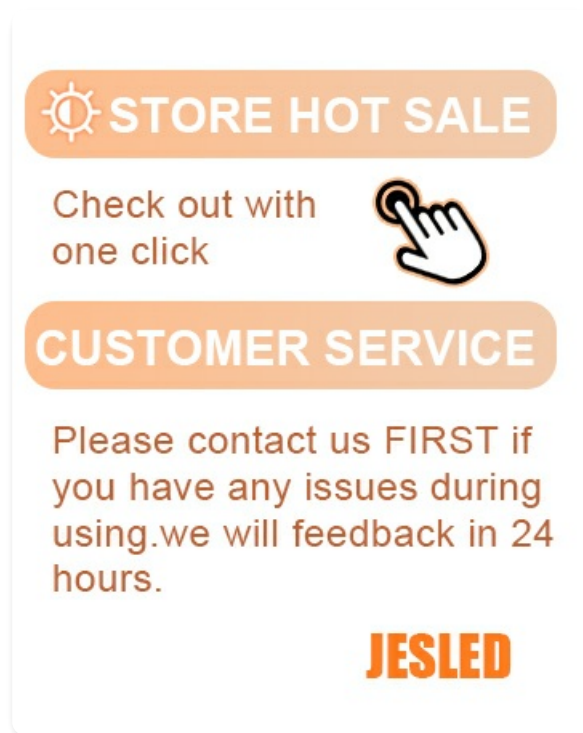


Figure 7: The light features a USB charging option for convenience.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your solar flood light.

- **Cleaning:** Periodically wipe the solar panel and LED surface with a soft, damp cloth to remove dust, dirt, or debris.
- **Battery:** The 3.7V 2600mAh battery is replaceable. If performance significantly degrades over time, consider replacing the battery.
- **Weather Resistance:** The light is IP65 waterproof, designed to withstand rain and snow. However, avoid submerging the unit in water.

Solar Lights Outdoor Waterproof

Sealed against
water/rain/snow

Polyethylene shell
material

Cold and
heat
resistant



Figure 8: The light is sealed against water, rain, and snow, and is cold and heat resistant.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure solar panel receives 6-8 hours of direct sunlight. Clean the solar panel. Use USB charging if sunlight is consistently low.
Motion sensor not working.	Sensor obstructed or incorrect mode.	Clear any obstructions from the PIR sensor. Ensure the light is in Sensor Mode (M1) or Sensor & Dim Mode (M2).
Remote control not responding.	Battery low or line of sight issue.	Replace remote control battery. Ensure direct line of sight to the light's IR receiver.

Problem	Possible Cause	Solution
Light is dim or flickers.	Low battery or extreme temperatures.	Allow full solar charge or use USB charging. Ensure operating within recommended temperature range.

8. SPECIFICATIONS

- **Model:** SW-SWLS90-01
- **LED Quantity:** 90 Pcs Super Bright LEDs
- **Lumen:** 1200 Lumens (Product Title) / 2100 Lumens (A+ Content)
- **Solar Panel:** 2.5W Polysilicon
- **Battery:** 3.7V 2600mAh (Replaceable)
- **Charging Time:** 4-5 hours (Solar) / 1.5 hours (USB)
- **Working Time:** 4-5 Nights
- **Detect Distance:** 10-15 feet
- **Detect Angle:** 120 Degree
- **Material:** ABS (Body), Crystal (Shade)
- **Water Resistance Level:** IP65 Waterproof
- **Dimensions:** 7.72 x 2.36 x 7.09 inches
- **Item Weight:** 13 ounces (0.37 Kilograms)

9. WARRANTY & SUPPORT

JESLED offers customer support for any issues encountered during use. Please refer to the official product page or contact JESLED customer service for warranty details and assistance.

- **Online Support:** Visit the [JESLED Store on Amazon](#).
- **User Manual (PDF):** A downloadable PDF version of the user manual is available [here](#).

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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

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Email

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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