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> LIFENG SOLER 1000LM High Bright Motion Sensor Outdoor Light Instruction Manual

LIFENG SOLER JZDDH-1

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Model: JZDDH-1

1. INTRODUCTION

The LIFENG SOLER 1000LM High Bright Motion Sensor Outdoor Light is a versatile and powerful solar-powered lighting solution designed for various outdoor applications. Equipped with 208 LEDs, it provides high brightness and wide coverage, enhancing security and visibility around your home. Its innovative design allows for multiple installation methods, offering flexibility and ease of use.

Key Features:

- High Brightness: 1000 lumens with 208 LEDs for powerful illumination.
- Wide Coverage: Up to 26ft detection range and 300-degree angle.
- Solar Powered: Equipped with polycrystalline solar panels and 3600mAh rechargeable batteries for efficient charging and long working time.
- Multiple Light Modes: Three distinct modes to suit various lighting needs.
- Motion Sensor: Sensitive PIR motion sensor for automatic light activation.
- Versatile Installation: Clip-on, screw-mounted, and portable options.
- Durable & Waterproof: IP68 waterproof rating ensures performance in all weather conditions.
- Emergency Power: USB port for Type-C charging and emergency phone charging.

2. WHAT'S IN THE BOX

- 1 x LIFENG SOLER 1000LM Motion Sensor Outdoor Light
- 1 x Remote Control
- 1 x USB Charging Cable
- 1 x Mounting Bracket
- 1 x Hand Handle
- 2 x Sticky Hooks
- 2 x Expansion Screws
- 2 x Screws

Solar Motion Lights



25FT

Sensing Distance

300°PIR

Motion Detection

2000 ft²

Lighting Area

Figure 2.1: Included components of the LIFENG SOLER Outdoor Light.

3. SETUP

3.1 Charging the Device

Before first use, ensure the light is fully charged. The device features a large solar panel for charging during the day and a Type-C USB port

for faster charging or charging in low-light conditions.

- **Solar Charging:** Place the light in direct sunlight for 6-8 hours. The solar panel is located on the top surface of the light.
- **Type-C Charging:** For faster charging or during dark weather, connect a Type-C USB cable to the designated port on the light. This also allows for emergency charging of other devices.

Product Specification



ACCESSORIES



Bracket x1



Hand handle x1



Sticky Hook x2



Expansion screw x2



Screw x2

Figure 3.1: Solar panel for charging (6-8 hours) and estimated lighting time (10-14 hours).

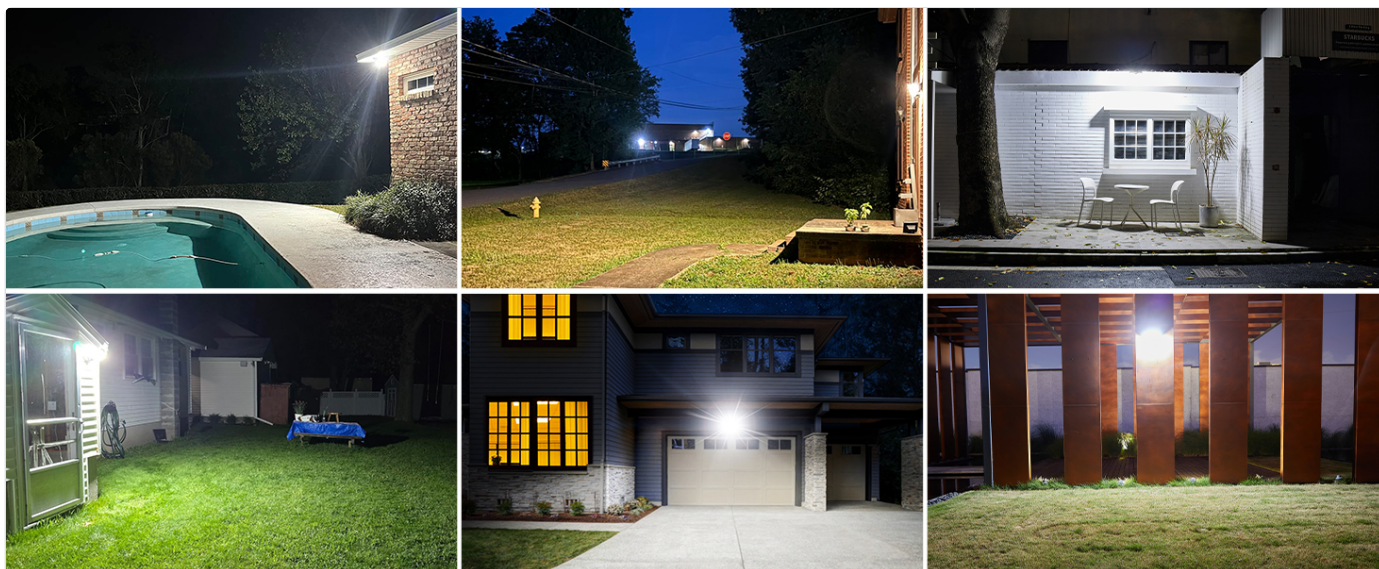


Figure 3.2: Fast charging via Type-C cable and using the light as a power bank.

3.2 Installation Methods

The LIFENG SOLER light offers multiple installation options for convenience.

- **Clip-on Installation:** The integrated clip allows for easy attachment to fences, patios, gutters, RVs, and other suitable edges without drilling.
- **Screw-mounted Installation:** Use the included screws and expansion screws to permanently mount the light to a wall or other hard surface. The mounting bracket can be attached to the light for this purpose.
- **Hanging/Portable Use:** Attach the hand handle for easy carrying or hanging the light in various locations. The sticky hooks can also be used for temporary hanging on smooth surfaces.

For optimal motion sensor performance, mount the light at a height of 4.92 to 8.2 feet (1.5 to 2.5 meters).

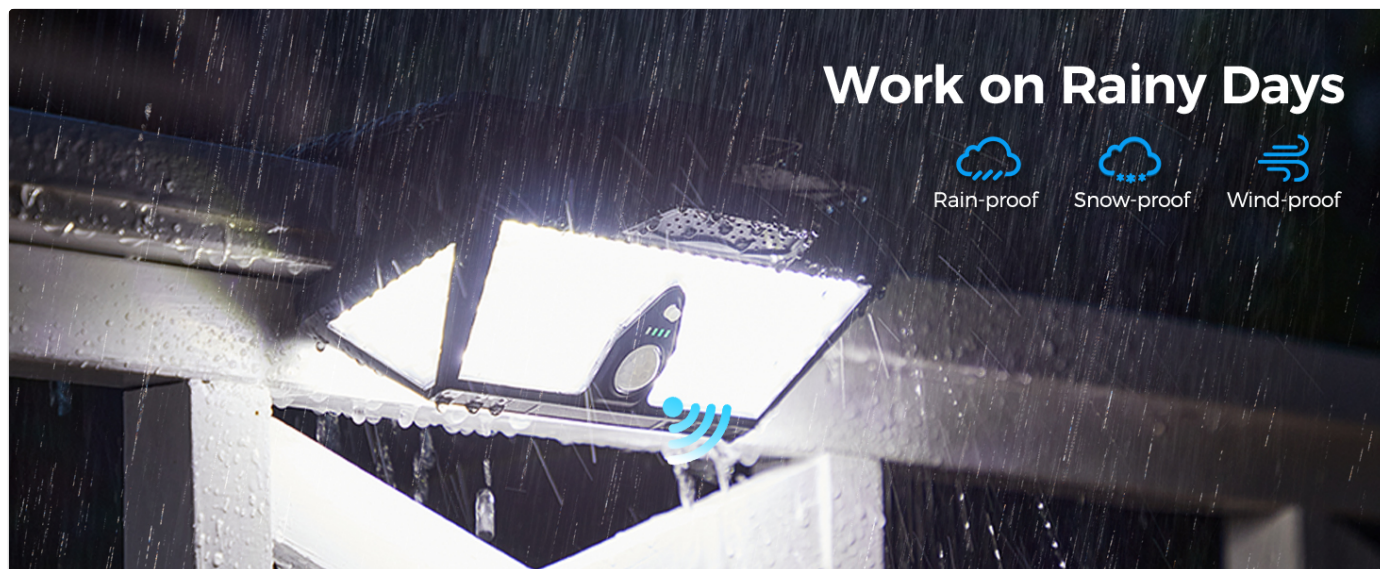


Figure 3.3: Diverse installation options for the outdoor light.

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Video 3.1: Official product video demonstrating clip-on solar motion sensor lights and their waterproof capabilities. (Creator: LIFENG SOLER)

4. OPERATING INSTRUCTIONS

The light can be operated using the button on the device or the included remote control. It features three distinct lighting modes:

- **Mode 1 (Dim Light & Motion Sensor Mode):** The light stays at 30% brightness at night and automatically switches to 100% brightness for 15 seconds when motion is detected.
- **Mode 2 (Motion Sensor Mode):** The light remains off at night and turns on to 100% brightness for 15 seconds only when motion is detected.
- **Mode 3 (Dim Light Mode):** The light stays at 10% brightness continuously throughout the night, without motion sensor activation.

To switch between modes, press the mode button on the light or use the corresponding numbered buttons (1, 2, 3) on the remote control. The ON/OFF button on the remote can completely shut off the light (Mode 4).



Figure 4.1: Visual representation of the three operating modes.



Figure 4.2: Remote control for easy mode selection.

5. MAINTENANCE

To ensure the longevity and optimal performance of your LIFENG SOLER outdoor light, follow these maintenance guidelines:

- **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 for efficient charging.
- **Check for Obstructions:** Ensure no trees, buildings, or other objects are blocking direct sunlight from reaching the solar panel, especially during peak charging hours.
- **Inspect for Damage:** Periodically check the light for any physical damage. Although it is IP68 waterproof, severe impacts can compromise its integrity.
- **Battery Care:** While the battery is designed for long life, avoid prolonged storage in extreme temperatures. If storing for an extended period, ensure it has a partial charge.

IP65 Waterproof



Sunproof



Snowproof



Waterproof



Windproof



Figure 5.1: The light is IP65 waterproof, ready for all weather conditions.

6. TROUBLESHOOTING

- **Light Not Turning On at Night:**
 - Ensure the solar panel is receiving sufficient direct sunlight during the day (6-8 hours recommended).
 - Check if the light is in the correct operating mode (Mode 1, 2, or 3). Use the remote or button to cycle through modes.
 - Verify there are no external light sources (streetlights, other house lights) near the sensor that might prevent it from activating.
 - The battery might be completely drained. Try charging via the Type-C USB port.
- **Motion Sensor Not Responding:**
 - Confirm the light is in Mode 1 or Mode 2, which utilize the motion sensor.
 - Ensure the mounting height is within the optimal range (4.92 to 8.2 ft).
 - Clear any obstructions in front of the motion sensor.
 - Test the sensor by walking directly in front of it.
- **Light Brightness is Low or Short Duration:**
 - The solar panel may not be getting enough direct sunlight. Relocate the light to a sunnier spot.
 - Clean the solar panel surface to remove any dirt or grime.
 - Battery capacity might be reduced due to prolonged cloudy weather or age. Ensure full charging cycles.

7. SPECIFICATIONS

Feature	Detail
Brand	LIFENG SOLER
Model Name	JZDDH-1
Brightness	1000 Lumen
Number of Light Sources	208 LEDs
Power Source	Solar Powered
Battery Capacity	3600mAh
Water Resistance Level	IP68 Waterproof
Motion Sensor Detection Range	Up to 26ft
Motion Sensor Angle	300 degrees
Optimal Mounting Height	4.92 to 8.2 ft
Material	High-strength ABS+PC
Product Dimensions	3.3"L x 5.99"W x 9.6"H
Item Weight	1.72 pounds

8. WARRANTY AND SUPPORT

LIFENG SOLER provides a Lifetime Quality Guarantee for this flood light. For any inquiries, technical support, or warranty claims, please contact LIFENG SOLER customer service through the official channels or visit the [LIFENG SOLER Store on Amazon](#).

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

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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