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› ASLIDECOR Clip Solar Lights Outdoor 72 LED Motion Sensor Lights User Manual

ASLIDECOR ET-HZH-2301

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Model: ET-HZH-2301

Brand: ASLIDECOR

1. PRODUCT OVERVIEW

The ASLIDECOR Clip Solar Lights are designed for outdoor security and illumination. These lights feature 72 LEDs, a motion sensor, and offer four distinct lighting modes. They are powered by solar energy with an additional USB charging option, ensuring reliable operation. The IP65 waterproof rating makes them suitable for various outdoor environments.



Image 1.1: Overview of the ASLIDECOR Clip Solar Light, showing its dimensions (19cm length, 10cm width) and indicating both solar and USB charging capabilities. The light emits a warm glow.

2. KEY FEATURES

- **4 Adjustable Lighting Modes:** Offers versatile illumination options based on motion detection and ambient light conditions.
- **Dual Charging Capability:** Utilizes solar power for eco-friendly charging during the day and includes a USB port for

charging when sunlight is insufficient.

- **Flexible Installation:** Features a practical clip design for easy attachment to various surfaces, or can be wall-mounted using the included screws.
- **Sensitive PIR Motion Sensor:** Detects motion up to 26 feet within a 120-degree angle, providing 600 lumens of bright light for enhanced security.
- **High Efficiency Solar Panel:** Equipped with an advanced monocrystalline silicon solar panel, achieving up to a 20.5% conversion rate for efficient energy absorption.
- **IP65 Waterproof Rating:** Constructed from high-strength ABS + PS material, ensuring resistance to water and heat for reliable outdoor performance in various weather conditions.
- **Versatile Applications:** Ideal for illuminating fences, decks, walls, garages, patios, and suitable for camping or other outdoor activities.

3. SETUP AND INSTALLATION

The ASLIDECOR Clip Solar Lights offer two primary installation methods: clip-on and wall-mounted.

3.1 Clip-On Installation

Simply use the integrated clip to attach the light to fences, railings, or other suitable edges. Ensure the solar panel faces upwards to receive direct sunlight.



Image 3.1: The solar light clipped onto a wooden fence, demonstrating the ease of clip-on installation. The solar panel is visible on top.

3.2 Wall-Mounted Installation

For a more permanent fixture, use the provided mounting hardware to attach the lights to a wall or solid surface.

1. **Mark Drill Points:** Hold the mounting bracket against the desired wall location and mark the two drill points.
2. **Drill Holes:** Use a drill to create two holes at the marked points.
3. **Insert Screw Slots:** Insert the provided screw slots (wall anchors) into the drilled holes.
4. **Secure Bracket:** Place the mounting bracket over the screw slots and insert the screws, tightening them to secure the bracket.
5. **Attach Light:** Slide the solar light onto the secured mounting bracket until it clicks into place.



Image 3.2: A visual guide illustrating the four steps for wall-mounted installation, including drilling, inserting anchors, securing the bracket, and attaching the light.

Recommended Height: For optimal motion sensor performance, install the lights at a height between 4.92 feet and 8.2 feet (1.5m - 2.5m).

4. OPERATING INSTRUCTIONS

The solar light features a single button to cycle through its four operating modes. The light automatically charges during the day and activates its selected mode at night.

4.1 Mode Selection

- **Press 1 Time (Mode 1 - Dim-to-Bright Sensor Mode):**The light will be dim at night. When motion is detected within 10-16 feet and a 125° angle, it will switch to high brightness for 15 seconds, then return to dim.
- **Press 2 Times (Mode 2 - Off-to-Bright Sensor Mode):**The light will remain off at night. When motion is detected within 10-16 feet and a 125° angle, it will turn on at high brightness for 15 seconds, then turn off.
- **Press 3 Times (Mode 3 - Always Bright Mode):**The light will stay constantly bright at night, activated by the smart light sensor.
- **Press 4 Times (Mode 4 - Smart Energy Save Mode):**The light will remain constantly dim at night, providing continuous low-level illumination.
- **Press 5 Times:** Turns the light off.



Image 4.1: A visual representation of the four distinct lighting modes, detailing their behavior based on motion detection and ambient light.

4.2 Charging

The light primarily charges via its integrated solar panel. Ensure the solar panel is exposed to direct sunlight for 6-8 hours for a full charge, which typically provides 10-12 hours of continuous illumination. If sunlight is insufficient, the light can also be charged via a USB cable (included).

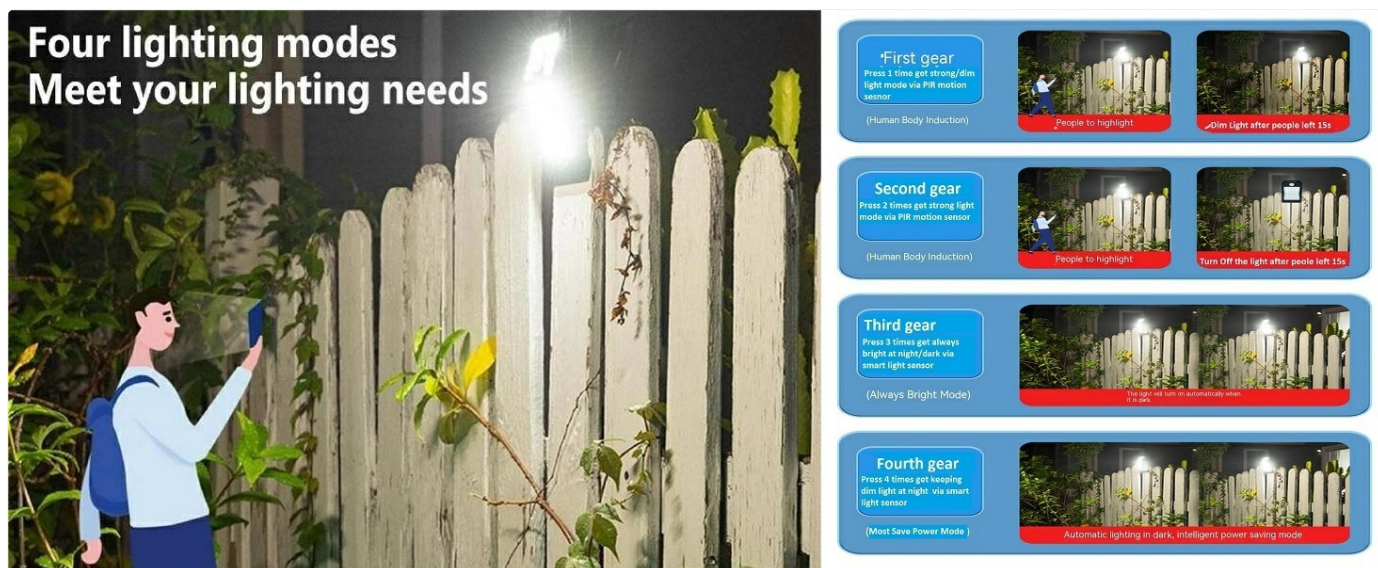


Image 4.2: The solar panel on top of the light absorbing sunlight for charging, highlighting its high efficiency.

5. 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 light's placement still allows for optimal direct sunlight exposure, especially after seasonal changes or new foliage growth.
- **Battery Care:** If storing the light for an extended period, ensure it is fully charged before storage and recharge it every few months to maintain battery health.

6. TROUBLESHOOTING

- **Light Does Not Turn On at Night:**
 - Ensure the solar panel is clean and receiving at least 6-8 hours of direct sunlight daily.
 - Verify the light is not in the "Off" mode (press the button to cycle through modes).
 - Check if the ambient light sensor is obstructed, preventing it from detecting darkness.
 - If issues persist, try charging via USB to confirm battery functionality.
- **Motion Sensor Not Activating:**
 - Ensure the light is set to Mode 1 or Mode 2.
 - Confirm there are no obstructions blocking the sensor's field of view.
 - Check the installation height; optimal range is 4.92ft – 8.2ft.
 - Test the sensor by moving within its detection range (10-16ft, 125° angle).
- **Light Brightness is Low or Short-Lived:**
 - Insufficient solar charging due to cloudy weather, shade, or dirty panel.
 - The battery may not be fully charged. Allow for a full day of direct sunlight charging or use USB charging.
 - Ensure the light is not in Mode 4 (Smart Energy Save Mode) if higher brightness is desired.

7. SPECIFICATIONS

Feature	Detail
Brand	ASLIDECOR
Model Number	ET-HZH-2301
Color	Black
Material	Acrylonitrile Butadiene Styrene (ABS)
Product Dimensions	2.95"L x 1.54"W x 1.54"H (approx. 7.5cm L x 3.9cm W x 3.9cm H)
Item Weight	7.2 ounces (approx. 0.2 kg)
Power Source	Battery Powered & Solar Powered
Installation Type	Clip-On, Wall Mount
Light Source Type	LED
Brightness	600 Lumens (Maximum)
Voltage	3.7 Volts
Light Color	Warm white
Color Temperature	3000 Kelvin
Water Resistance Level	IP65 Waterproof
Battery	1 AA battery required (included)
Average Life	500,000 Hours
Motion Sensor Range	Up to 26 feet (8 meters)
Motion Sensor Angle	120 degrees
Solar Conversion Rate	Up to 20.5%
Included Components	Solar Clip Lights, Mounting Hardware

8. PRODUCT VIDEO

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Video 8.1: This video demonstrates the ASLIDECOR Clip Solar Lights in various outdoor settings, showcasing their motion-sensing capabilities and ease of installation on fences and walls. It highlights how the lights illuminate pathways and garden areas when motion is detected.

9. WARRANTY AND SUPPORT

This ASLIDECOR product comes with a**Limited Warranty**. For specific details regarding warranty coverage and duration, please refer to the product packaging or contact your retailer. For technical support or assistance with your ASLIDECOR Clip Solar Lights, please reach out to the customer service department of your purchase point.

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Example: How do I reset this device or fix this error?

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