



Manuals.plus /

- › HMCITY /
- › HMCITY HM-2 Solar Outdoor Wall Lights User Manual

HMCITY HM-2

HMCITY HM-2 Solar Outdoor Wall Lights User Manual

Model: HM-2 | Brand: HMCITY

1. INTRODUCTION

Thank you for choosing the HMCITY HM-2 Solar Outdoor Wall Lights. This manual provides essential information for the proper installation, operation, and maintenance of your solar lights. Please read these instructions carefully before use to ensure optimal performance and longevity of the product.



Figure 1: HMCITY HM-2 Solar Outdoor Wall Lights

2. SAFETY INFORMATION

- Do not disassemble or modify the product. Unauthorized modifications may cause damage or injury.
- Keep the product away from fire and high temperatures.
- Ensure the solar panel is exposed to direct sunlight for optimal charging. Avoid shaded areas.
- Do not immerse the product in water, despite its waterproof rating.
- Dispose of batteries according to local regulations.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- HMCITY HM-2 Solar Outdoor Wall Lights (2 units)
- Expansion Pillar-Hinges and Screws (for mounting)

- User Manual

4. PRODUCT FEATURES

- **Enhanced PIR Motion Inductor:** Detects movement to activate lighting modes.
- **Three Lighting Modes:** Offers versatile illumination options (Motion Sensor, Permanent On, Smart Brightness Control).
- **High-Efficiency Solar Panel:** Monocrystalline silicon solar cells with up to 20.5% conversion rate for faster charging.
- **Durable IP65 Waterproof Design:** Constructed from high-impact ABS material, resistant to high temperatures, corrosion, and harsh weather conditions.
- **Wider Lighting Angle & Coverage:** 120 upgraded high-power LEDs provide a 270° wide lighting angle, illuminating up to 30 square meters (345 sq ft).
- **Wireless and Easy to Setup:** No electrical wiring required, simplifying installation.



Figure 2: Wide Lighting Angle and Coverage

5. SETUP AND INSTALLATION

Follow these steps to install your HMCITY solar lights:

1. **Choose a Location:** Select a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging. Avoid areas under eaves, trees, or other obstructions that may block sunlight.
2. **Mark Drill Holes:** Hold the light against the desired mounting surface and mark the positions for the two screw holes.
3. **Drill Holes:** Use a drill to create holes at the marked positions. Insert the expansion pillar-hinges into the drilled holes.
4. **Mount the Light:** Align the light with the pillar-hinges and secure it using the provided screws. Ensure the light is firmly attached to the wall.



Figure 3: Solar Charging Process



Figure 4: Example Installation on a House Exterior

6. OPERATING INSTRUCTIONS

The HMCITY HM-2 solar light features a button on the back to cycle through three lighting modes:

- **Mode 1 (Motion Sensor Only):** The light remains off until motion is detected. It then turns on at full brightness for approximately 15-30 seconds before turning off again.
- **Mode 2 (Permanent On + Motion Sensor):** The light stays on at a dim brightness throughout the night. When motion is detected, it switches to full brightness for approximately 15-30 seconds, then returns to dim brightness.
- **Mode 3 (Permanent On):** The light stays on at a constant, medium brightness throughout the night, regardless of motion.

Press the button repeatedly to cycle through these modes. The light will indicate the selected mode by flashing. Ensure the light is in the desired mode before leaving it to charge.

7. MAINTENANCE

- **Clean the 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.
- **Check Mounting:** Periodically inspect the mounting screws to ensure the light remains securely attached.
- **Environmental Factors:** In areas with heavy snow or prolonged cloudy weather, the light's performance may be reduced due to insufficient charging.



Figure 5: IP65 Waterproof Design

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is in direct sunlight for 6-8 hours. Clean the solar panel.
Light is dim or only stays on for a short time.	Battery not fully charged or aging battery.	Relocate the light to a sunnier spot. Ensure the solar panel is clean. If the problem persists after extended charging, the battery may need replacement (contact support).
Motion sensor not working.	Sensor obstructed or incorrect mode.	Ensure the sensor is clear of obstructions. Check that the light is set to Mode 1 or Mode 2.
Light turns on during the day.	Solar panel is not detecting darkness.	Ensure the solar panel is not covered or in a dark area during the day.

9. SPECIFICATIONS

Feature	Detail
Brand	HMCITY
Model Number	HM-2
Light Source	120 LED
Power Source	Solar Powered
Material	Acrylonitrile Butadiene Styrene (ABS)
Water Resistance Level	IP65 Waterproof
Motion Sensor Angle	270°
Brightness	800 Lumen
Voltage	3.7 Volts
Wattage	4.5 watts
Color Temperature	2700 Kelvin (Daylight White)
Product Dimensions	5.44"L x 2.02"W x 3.62"H
Item Weight	14.8 ounces (per unit)
Batteries	1 C battery required (included)

10. WARRANTY AND SUPPORT

HMCITY products are designed for durability and performance. For warranty information, technical support, or customer service inquiries, please refer to the contact information provided with your purchase or visit the official HMCITY website. Please retain your proof of purchase for warranty claims.