

Solar Outdoor Light User Manual

1. Product Overview

This solar outdoor light is designed for versatile outdoor and indoor use (e.g., gardens, driveways, patios, porches, walls). It integrates practical features including remote control, adjustable brightness, customizable motion-sensing duration, long battery life, and multiple working modes, paired with a unique UFO shape and IP65 waterproof performance, providing energy-efficient and durable lighting solutions.

2. Technical Specifications

Item	Specification
Control Mode	Remote control (supports brightness/motion duration adjustment)
Brightness Levels	5 levels (100%/80%/60%/40%/20%)
Motion-Sensing Duration	3 options (25s/35s/45s)
Battery Life	8-12 hours (after full charge)
Design	Classic UFO shape + hollow panel (heat dissipation)
LED Brightness	Up to 3000 lumens (high-wattage LEDs)
Installation Options	2 types (bracket-mounted: roof/wall; wire-secured)
Working Modes	5 modes (3 dusk-to-dawn modes included)
Waterproof Rating	IP65 (all-weather resistant)

Item	Specification
Solar Panel	Separate design with 16.5ft long cable (for sunny spot installation)

3. Installation Instructions

3.1 Preparation

- Unpack the product and check contents: solar light body, separate solar panel, remote control, mounting bracket, screws, and user manual.
- Choose an installation location for the **solar panel**: Select a spot with 6-8 hours of direct sunlight daily (no obstructions like trees or walls) to ensure efficient charging. The 16.5ft cable allows flexible placement of the light body away from the panel.

3.2 Mounting Methods

Method 1: Bracket Installation (Roof/Wall)

- Mark the drilling positions on the roof or wall according to the bracket's hole spacing.
- Drill holes (match the size of included screws) and insert expansion anchors if installing on concrete/brick walls.

- Fix the bracket to the surface with screws, then attach the light body to the bracket until it clicks into place.

Method 2: Wire Securing

- Use a strong wire (not included) to pass through the hanging hole on the top of the light body.
- Secure the wire to a stable structure (e.g., roof beam, tree branch) to hang the light, ensuring it is level and not swaying.

4. Usage Guide

4.1 Remote Control Operation

- **Power On/Off:** Press the "On/Off" button on the remote to turn the light on (works even during the day).
- **Brightness Adjustment:** Press "+" to increase brightness or "-" to decrease brightness, cycling through 100%/80%/60%/40%/20% levels.
- **Motion-Sensing Duration Setting:** Press the "Time" button to switch between 25s, 35s, and 45s (the light will stay on at high brightness for the set time after detecting motion).

4.2 Working Modes

Switch modes via the remote's "Mode" button. The light will flash once to confirm the mode change:

- . **Mode 1 (Dusk-to-Dawn Dim & Motion-Activated Bright):** Stays dim at night; switches to high brightness when motion is detected, then returns to dim after the set duration.
- . **Mode 2 (Dusk-to-Dawn Motion-Activated Only):** Turns off at night by default; lights up at high brightness when motion is detected, then turns off after the set duration.
- . **Mode 3 (Dusk-to-Dawn Always On):** Automatically turns on at high brightness at night and stays on until dawn.
- . **Mode 4 (All-Day Motion-Sensing):** Works 24/7; lights up at high brightness when motion is detected, then turns off after the set duration.
- . **Mode 5 (All-Day Auto):** Works 24/7; automatically switches to Mode 4 when the battery level drops to 50% to save power.

4.3 Solar Charging

- The solar panel charges the light automatically when exposed to sunlight. Keep the panel clean (wipe with a dry cloth monthly) to avoid dust blocking sunlight.
- Full charge takes approximately 6-8 hours under sufficient sunlight; battery life is 8-12 hours depending on brightness level and mode usage.

5. Maintenance & Care

5.1 Regular Cleaning

- Clean the solar panel monthly with a soft, dry cloth to remove dust, leaves, or water stains—this ensures maximum charging efficiency.
- Wipe the light body with a damp cloth (avoid harsh detergents) to remove dirt; do not immerse the light in water.

5.2 Waterproof Protection

- The light has an IP65 waterproof rating, so it can withstand rain, snow, and sandstorms. However:
 - Check the cable connection between the light body and solar panel periodically—ensure the connector is tight and not damaged to prevent water leakage.
 - In extreme weather (e.g., heavy rain, thunderstorms), avoid touching the light or solar panel.

5.3 Battery Care

- The battery has a lifespan of 2-3 years. To extend its life:
 - Do not let the battery drain completely for long periods (charge it promptly after use).

- In winter or low-light seasons, place the solar panel in a sunnier spot to ensure full charging.

6. Troubleshooting

Issue	PossibleCause	Solution
Remote not working	1. Remote battery dead.2. Obstacles block the signal.	1. Replace the remote's battery (refer to the battery compartment for type).2. Use the remote within 5-8 meters, with no thick walls/objects between the remote and light.
Light not turning on	1. Battery not charged.2. Wrong mode selected.	1. Place the solar panel in direct sunlight for 8+ hours to charge.2. Switch to a different mode (e.g., Mode 3) to test if the light works.
Short battery life	1. Solar panel dirty.2. High brightness mode used for long periods.	1. Clean the solar panel with a dry cloth.2. Use lower brightness levels (e.g., 60%/40%) or switch to motion-activated modes to save power.

7. Safety Warnings

- Do not disassemble the light body or solar panel—this may damage the product or cause battery leakage.

- Keep the light away from high-temperature sources (e.g., grills, heaters) to avoid melting.
- Install the light out of reach of children and pets to prevent accidental injury or damage.
- Do not use the light in explosive or flammable environments (e.g., near gasoline storage).