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Noma 0528019

NOMA Solar Post Lights User Manual

Model: 0528019

Introduction

Thank you for choosing NOMA Solar Post Lights. These lights are designed to provide ambient lighting for your outdoor spaces, such as decks, patios, and gardens, by utilizing solar energy. They are specifically designed to fit 4x4 wooden posts and feature automatic dusk-to-dawn operation.

Safety Information

- Ensure the solar panel is exposed to direct sunlight for optimal charging.
- Do not attempt to open or modify the light unit, as this may void the warranty and cause damage.
- Keep out of reach of children.
- Dispose of batteries according to local regulations.
- While weather-resistant, avoid submerging the lights in water.

Package Contents

Your NOMA Solar Post Lights package includes:

- 6 x NOMA Solar Post Lights
- 6 x Rechargeable AA Ni-CD Batteries (pre-installed)
- Mounting Screws (quantity sufficient for installation)



Image: Six NOMA Solar Post Lights as included in the package.

Setup and Installation

These solar post lights are designed for easy DIY installation on standard 4x4 wooden posts. No wiring is required.

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect each light for any visible damage.

2. **Initial Charge:** Before first use, place the solar lights in direct sunlight for at least 8 hours to allow the internal battery to fully charge. Ensure the ON/OFF switch (if present, typically under the cap) is in the "ON" position.



Image: View of the solar panel and internal components, including the rechargeable battery.

3. **Positioning:** Choose a location for your wooden posts that receives ample direct sunlight throughout the day. This is crucial for the lights to charge effectively and operate for extended periods at night.
4. **Mounting:**
    - Place the solar post light directly on top of your 4x4 wooden post. The base of the light is designed to fit snugly over the post.
    - Using the provided mounting screws, secure the light to the post by inserting screws into the designated holes on the base of the light. Typically, one screw on each of two opposing sides is sufficient for stability.



Image: A close-up demonstrating how to secure the light to a 4x4 wooden post using a screw.

Operating Instructions

NOMA Solar Post Lights are equipped with an automatic dusk-to-dawn sensor for convenient operation.

- Once fully charged and the switch is in the "ON" position, the lights will automatically turn on at dusk.
- The lights will automatically turn off at dawn, allowing the solar panel to begin recharging the battery for the next night's operation.
- The duration of illumination depends on the amount of sunlight received during the day. A full charge can provide over 8 hours of light.



Image: Depiction of the automatic on/off functionality, showing the light active at night and inactive during the day.

Maintenance

Regular maintenance ensures optimal performance and longevity of your solar lights.

- **Clean Solar Panel:** Periodically 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.
- **Battery Replacement:** The rechargeable AA Ni-CD battery has a limited lifespan. If the light duration significantly decreases, the battery may need replacement. Use only rechargeable AA Ni-CD batteries of the same specification.
- **Weather Resistance:** The lights are designed to be weather-resistant. However, during extreme weather conditions (e.g., heavy snow accumulation), it is advisable to clear snow from the solar panel to allow charging.



Image: A solar light with water droplets on its surface, demonstrating its weather-resistant design against rain and snow.

Troubleshooting

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient sunlight for charging. ON/OFF switch is in "OFF" position. Battery is depleted or faulty. Solar panel is dirty.	Relocate light to an area with more direct sunlight. Ensure switch is in the "ON" position. Replace battery with a new rechargeable AA Ni-CD battery. Clean the solar panel surface.
Light duration is short.	Insufficient charge due to cloudy weather or shade. Battery capacity has degraded.	Allow several sunny days for full charge. Replace battery with a new rechargeable AA Ni-CD battery.

Problem	Possible Cause	Solution
Light flickers or is dim.	Low battery charge. Loose connection.	Ensure adequate sunlight exposure. Check battery compartment for secure connection.

Specifications

Feature	Detail
Brand	NOMA
Model Number	0528019
Light Source Type	LED
Light Color	Cool White
Power Source	Solar Powered
Battery Type	1 x AA Ni-CD rechargeable (per light)
Material	Plastic
Color	Black
Product Dimensions (L x W x H)	5.59" x 5.59" x 4.1"
Installation Type	Post Mount (for 4x4 wooden posts)
Special Feature	Automatic Dusk-to-Dawn Sensor
Water Resistance Level	Waterproof
Brightness	800 lumen (as per product data, though reviews suggest lower perceived brightness)



Image: Dimensional drawing of the NOMA Solar Post Light, showing its length, width, and height.

Warranty and Support

For warranty information or technical support, please refer to the contact details provided at the point of purchase or visit the official NOMA website. Keep your purchase receipt as proof of purchase.
You can visit the NOMA store on Amazon for more products and information:NOMA Amazon Store

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