

APONUO 18188BDR

APONUO Solar Post Lights User Manual

Model: 18188BDR | Brand: APONUO

INTRODUCTION

The APONUO Solar Post Lights are designed to provide efficient and decorative outdoor lighting for various post types. These solar-powered lights feature two lighting modes and are built to withstand outdoor conditions, making them ideal for decks, fences, and porches.

Each light is equipped with a high-efficiency monocrystalline solar panel and a 1000mAh battery, ensuring 8-12 hours of illumination after a full charge. With 8 LED bulbs, they emit 17 lumens of bright light, enhancing the ambiance and safety of your outdoor spaces.

PRODUCT FEATURES

- **Dual Color Modes:** Choose between cool white (6000K) and warm white (3000K) lighting with 16 LED beads.
- **Diamond Lampshade Design:** Provides a distinctive light effect, adding aesthetic appeal to your outdoor area.
- **Versatile Installation:** Includes 4 different sizes of bases and screw fittings for easy mounting on 3.5x3.5, 5.5x5.5 inch wooden posts, or 4x4, 5x5 inch vinyl post caps.
- **Solar Powered Efficiency:** High-efficiency solar panels charge the battery in 6-8 hours of sunlight, providing all-night illumination.
- **IP44 Waterproof Rating:** Designed to withstand harsh weather conditions, ensuring long-term outdoor use.

PACKAGE CONTENTS

Please check the package to ensure all components are present and undamaged.

- APONUO Solar Post Lights (Quantity as per pack size, e.g., 6 lights for a 6-pack)
- Mounting Bases (various sizes)
- Screws and other necessary fittings
- User Manual (this document)

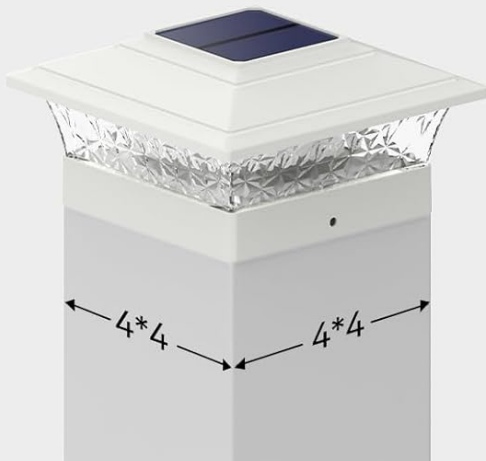
SETUP AND INSTALLATION

Follow these steps to properly install your APONUO Solar Post Lights:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Inspect each light for any signs of damage.
2. **Choose Installation Location:** Select a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging. Avoid shaded areas.
3. **Select Appropriate Base:** The lights come with multiple bases to fit various post sizes. Identify the correct base for your 3.5x3.5, 5.5x5.5 inch wooden posts, or 4x4, 5x5 inch vinyl posts. The interior of the base is detachable to accommodate different post dimensions.
4. **Attach Base to Post:** Secure the chosen base to the top of your fence or deck post using the provided screws. Ensure it is firmly attached and level.
5. **Mount the Light:** Place the solar post light onto the secured base. Some models may require a simple twist or click to lock into place.
6. **Initial Charge:** Allow the lights to charge for a full day (6-8 hours) in direct sunlight before first use to ensure maximum battery capacity.

Applicable Size

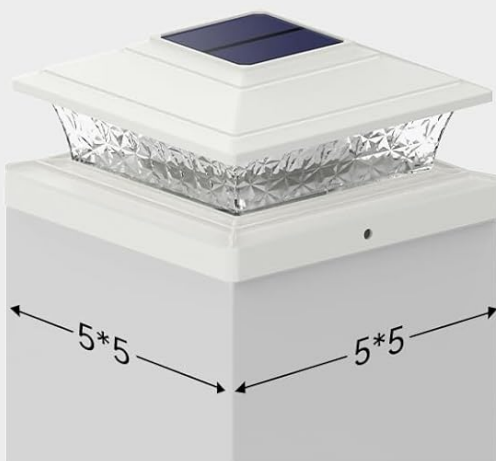
4 Inch Vinyl Post
(4"*4" ture size)



4 Inch Wooden Post
(3.5"*3.5" ture size)



5 Inch Vinyl Post
(5"*5" ture size)



6 Inch Wooden Post
(5.5"*5.5" ture size)



Figure 1: Applicable Post Sizes. The lights are designed to fit 4x4 and 5x5 inch vinyl posts, and 3.5x3.5 and 5.5x5.5 inch wooden posts. The base is adaptable for different dimensions.

OPERATING INSTRUCTIONS

Your APONUO Solar Post Lights are designed for automatic operation and offer dual lighting modes.

Automatic Operation

The lights feature an automatic switch sensing mechanism. They will automatically turn on at dusk and turn off at dawn, conserving energy during daylight hours. Ensure the solar panel is clean and unobstructed for optimal performance.



Figure 2: Automatic Switch Sensing. The solar panel charges the battery during the day (approx. 6 hours) and the lights illuminate for up to 12 hours at night, with options for warm white or cool white light.

Changing Lighting Modes

The lights offer two distinct color temperatures: Cool White (6000K) and Warm White (3000K). To switch between modes, locate the small switch or button, usually found near the LED strip or inside the light housing. Press or toggle it to select your preferred lighting color.



Figure 3: Dual Color Modes. The lights can be set to Cool White (left) for a brighter, modern look or Warm White (right) for a softer, inviting ambiance.

MAINTENANCE

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

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures efficient charging.
- **Battery Care:** The integrated Lithium Ion battery is designed for long life. If the light duration significantly decreases over time, it may indicate the battery's end of life. Consult the manufacturer for replacement options if needed.
- **General Cleaning:** Clean the light housing and lampshade with a mild soap solution and a soft cloth. Avoid abrasive cleaners or harsh chemicals.
- **Weather Protection:** While IP44 waterproof, ensure the light is securely mounted to prevent water ingress during heavy rain or storms.



Figure 4: IP44 Waterproof Design. The lights are built to withstand various weather conditions, including rain, ensuring durability for outdoor use.

TROUBLESHOOTING

If your solar post lights are not functioning as expected, try the following troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient sunlight for charging. Solar panel is dirty or obstructed. Battery is depleted or faulty. Light sensor is covered or faulty.	Relocate the light to an area with direct sunlight for 6-8 hours daily. Clean the solar panel. Allow several days of full charge. If problem persists, battery may need replacement. Ensure the light sensor is clear of debris and not covered by external light sources.

Problem	Possible Cause	Solution
Light duration is short.	Insufficient charging. Battery capacity reduced due to age or cold weather.	Ensure optimal sunlight exposure. Battery performance can be affected by extreme temperatures. Consider battery replacement if significantly old.
Light flickers or is dim.	Low battery charge. Loose connection. Water ingress.	Allow for a full day's charge. Check all connections within the light. Inspect for cracks or damage that could allow water in. Ensure proper sealing.

SPECIFICATIONS

Feature	Detail
Brand	APONUO
Model Number	18188BDR
Light Source	16 LED beads (8 per color mode)
Lighting Modes	Cool White (6000K), Warm White (3000K)
Lumen Output	17 lumens
Solar Panel	61x61mm Monocrystalline Laminate
Battery	1000mAh Lithium Ion (included)
Charging Time	6-8 hours (direct sunlight)
Illumination Time	8-12 hours (under full power)
Waterproof Rating	IP44
Material	Polyethylene
Product Dimensions	29.97 x 15.24 x 22.86 cm (approx. 11.8 x 6 x 9 inches)
Weight	1.99 kg (approx. 4.39 lbs)
Compatible Post Sizes	3.5x3.5, 5.5x5.5 inch wooden posts; 4x4, 5x5 inch vinyl posts



Figure 5: Product Details and Dimensions. This image highlights the high-performance solar panel, upgraded bright LED lamp beads, and high-quality snowflake lampshade, along with key dimensions (e.g., 5.5" base, 2.2" height).

WARRANTY AND SUPPORT

APONUO provides a comprehensive warranty and dedicated customer support for your solar post lights.

- **Warranty Period:** We offer 24 months of friendly after-sales service from the date of purchase.
- **Customer Support:** For any questions, concerns, or assistance with your product, please do not hesitate to contact our customer service team. Refer to your purchase documentation or the product packaging for contact details.
- **Online Resources:** Visit the official APONUO website for additional product information, FAQs, and support resources.

