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› Amazon Basics Solar Wall Light YH-0616 Instruction Manual

amazon basics YH-0616

Amazon Basics Solar Wall Light YH-0616 Instruction Manual

Model: YH-0616

1. INTRODUCTION

This manual provides instructions for the installation, operation, and maintenance of your Amazon Basics Solar Wall Light. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

- Ensure the solar panel receives direct sunlight for optimal charging.
- Do not attempt to disassemble or modify the product. This may void the warranty and cause damage.
- Keep the product away from open flames or extreme heat sources.
- Dispose of the product and its battery according to local regulations.
- This product is designed for outdoor use and is IP54 rated for dust and splash resistance. It is not submersible.

3. PACKAGE CONTENTS

- 1 x Amazon Basics Solar Wall Light
- 1 x Installation Gauge
- Screws and Expansion Plugs (for mounting)
- 1 x User Manual (this document)

4. PRODUCT FEATURES

- **Dual Up & Down Lighting:** Projects illumination both upward and downward.
- **Dual Brightness Modes:** Features 4 high-efficiency LEDs with optical lenses, offering 53 lumens and 68 lumens illumination.
- **Solar Charging:** Equipped with a polycrystalline silicon panel for charging the 1800mAh battery. Full charge typically takes 4–6 hours of direct sunlight.
- **Automatic Operation:** The light automatically turns on at dusk and off at dawn.
- **Battery Performance:** Provides 6–8 hours of continuous light when fully charged.
- **Weather Resistance:** Constructed from ABS material with an IP54 rating, providing protection against dust and water splashes.
- **Installation:** Designed for wall mounting without external wiring. Installation hardware (screws, expansion plugs) is included.
- **Light Color Temperature:** Emits a warm white light with a color temperature of 3000K–3500K.



Image: The solar wall light demonstrating its dual brightness modes, with outputs of 53 lumens and 68 lumens.

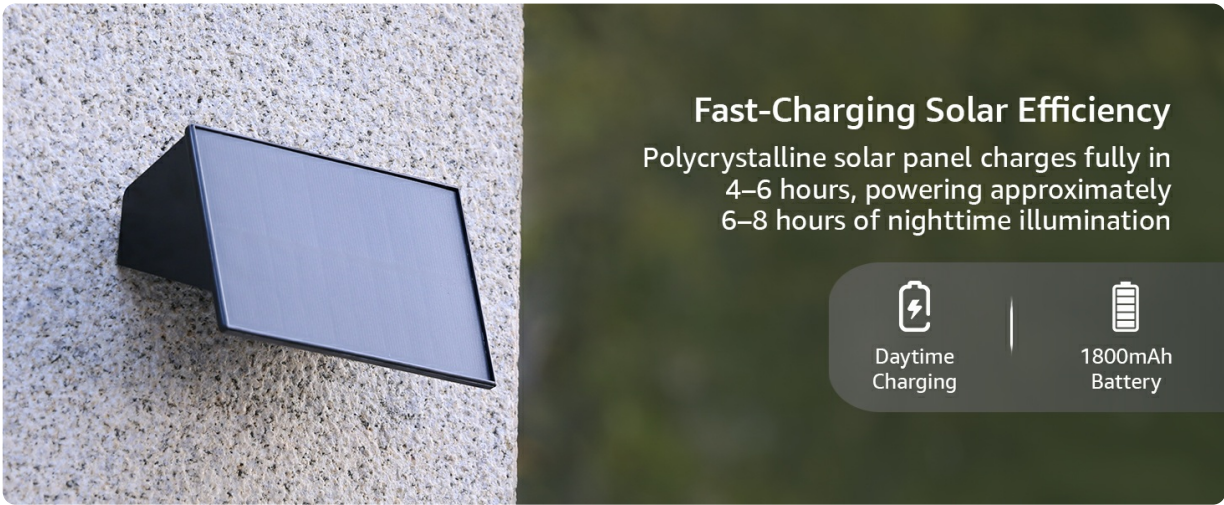


Image: The solar wall light under simulated rain, highlighting its IP54 weather-resistant design.

5. SPECIFICATIONS

Brand	Amazon Basics
Model Number	YH-0616
Material	Polycarbonate
Item Weight	174 g
Dimensions (L x W x H)	142 x 73 x 80 mm
Battery Capacity	1800mAh
LEDs	4 high-efficiency LEDs
Lumen Output	53 lumens and 68 lumens
Color Temperature	3000K–3500K (Warm White)
Waterproof Rating	IP54
Solar Charging Time	4–6 hours (direct sunlight)
Lighting Duration	6–8 hours (after full charge)

6. SETUP AND INSTALLATION

- Unpack:** Carefully remove all components from the packaging.
- Choose Location:** Select a mounting location that receives at least 4-6 hours of direct sunlight daily. Avoid areas under eaves, trees, or other obstructions that might block sunlight or cast shadows on the solar panel.
- Mark Drilling Points:** Use the provided installation gauge to mark the drilling points on the desired surface.
- Drill Holes:** Drill holes at the marked points. Insert the expansion plugs into the drilled holes.
- Mount the Light:** Align the light with the drilled holes and secure it using the provided screws. Ensure the light is firmly attached to the surface.
- Initial Charge:** Allow the solar light to charge for a full day (4-6 hours of direct sunlight) before its first use to ensure optimal battery performance.



Image: The solar wall light installed on a wall, illustrating its solar panel for efficient daytime charging.

7. OPERATING INSTRUCTIONS

The Amazon Basics Solar Wall Light is designed for automatic operation:

- **Automatic On/Off:** The integrated light sensor detects ambient light levels. The light will automatically turn on at dusk and turn off at dawn.
- **Brightness Modes:** The light operates with two brightness levels, 53 lumens and 68 lumens, providing appropriate illumination for different conditions.
- **Charging:** During the day, the solar panel converts sunlight into electricity, charging the internal 1800mAh battery.

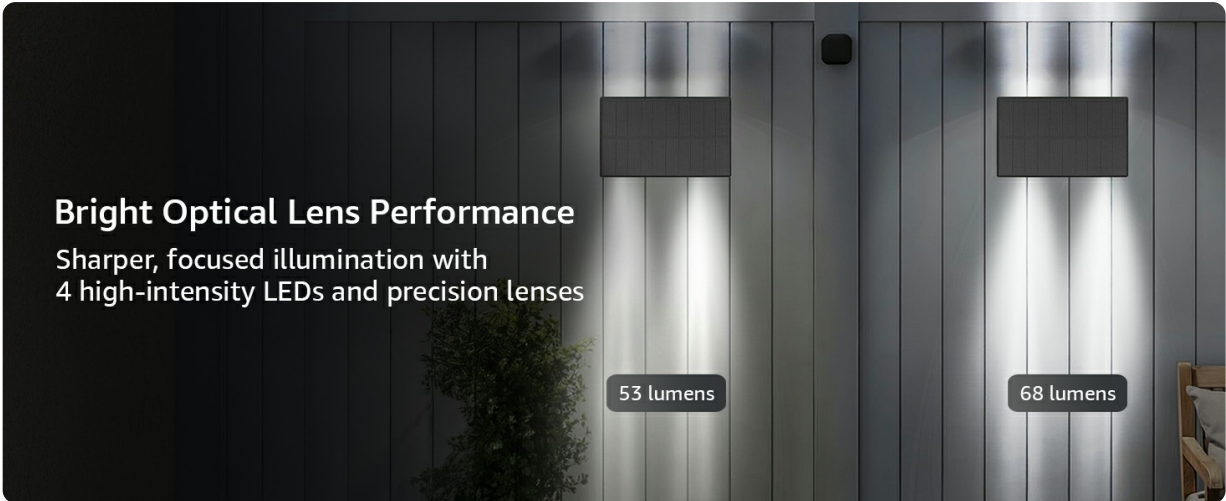


Image: The solar wall light demonstrating its smart auto on/off sensor, showing it off during the day and illuminated at night.

8. MAINTENANCE

- **Cleaning:** Regularly clean the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient charging.
- **Inspection:** Periodically check the mounting screws to ensure the light remains securely attached.
- **Environmental Factors:** In snowy or icy conditions, gently clear snow or ice from the solar panel to allow for charging.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is in direct sunlight for 4-6 hours daily. Clean the solar panel.
Light is dim or only stays on for a short period.	Battery not fully charged or aging battery.	Relocate the light to an area with more direct sunlight. Ensure the solar panel is clean. If the problem persists after prolonged charging, the battery may need replacement (if serviceable).

Problem	Possible Cause	Solution
Light turns on during the day.	Light sensor is obstructed or in a dark area.	Ensure the light sensor is not covered and the light is installed in an area that receives sufficient ambient light during the day.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to your purchase documentation or contact Amazon Basics customer service. Keep your proof of purchase for any warranty claims. You can typically find support contact information on the Amazon website under the "Help" or "Customer Service" sections.