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› Dynaming Solar Post Cap Lights Instruction Manual (Model ZTD23486S-8)

Dynaming ZTD23486S-8

Dynaming Solar Post Cap Lights Instruction Manual

Model: ZTD23486S-8

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Dynaming 8 Pack Solar Post Cap Lights. These lights are designed to provide decorative outdoor illumination with a flickering flame effect, utilizing solar power for energy efficiency. Please read this manual thoroughly before use to ensure proper function and longevity of your product.

PRODUCT CONTENTS

The package includes the following items:

- 8 x Solar Flickering Flame Post Cap Lights
- 4 x Adapter Bases (per lamp, for various post sizes)
- 1 x User Manual
- Mounting Kit (screws)

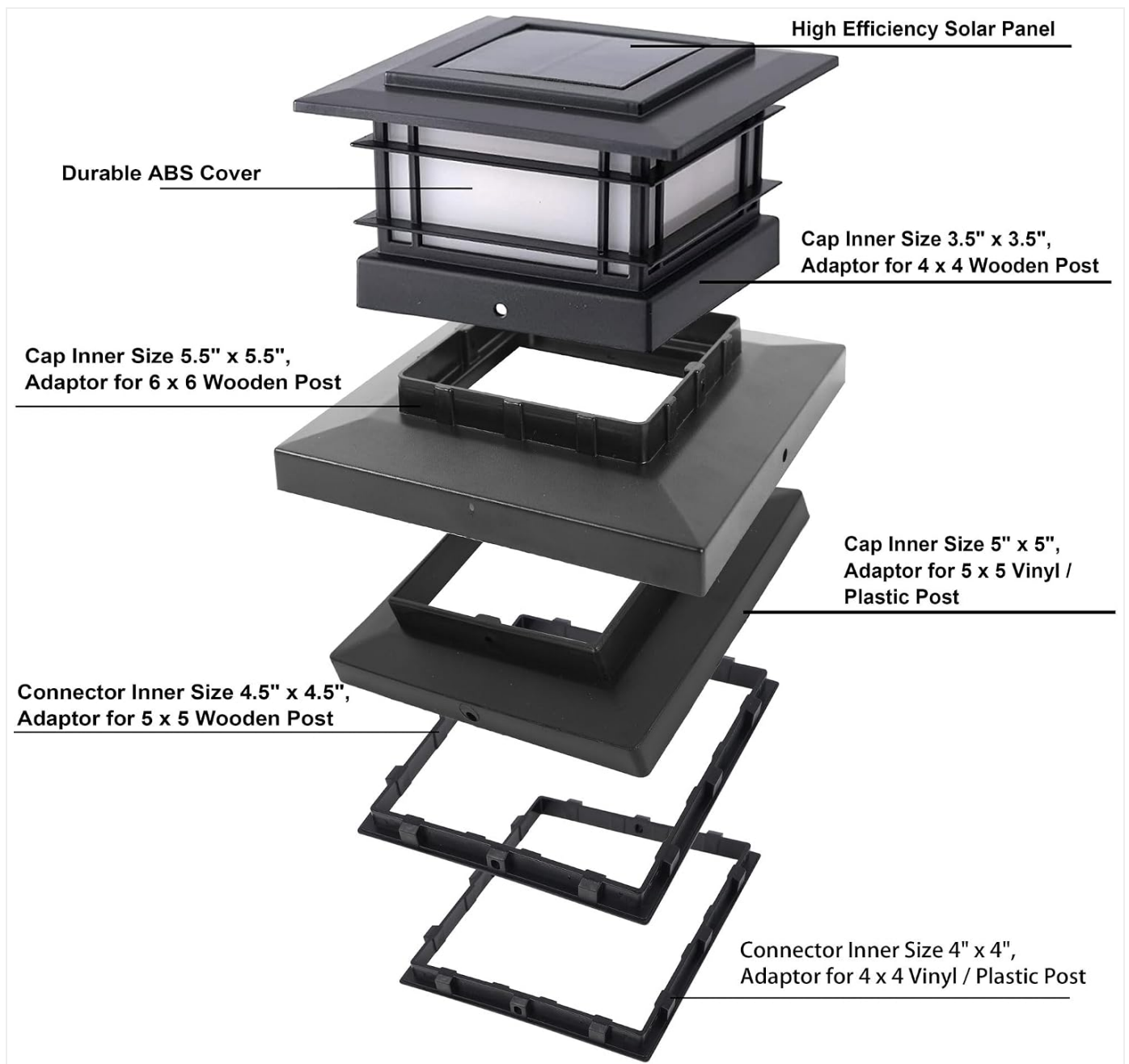


Figure 1: Exploded view showing the solar post cap light, various adapter bases for different post sizes, and the durable ABS cover.

SPECIFICATIONS

Feature	Detail
Product Dimensions	5.8"D x 5.8"W x 3.54"H
Item Weight	5.45 pounds (total for 8 pack)
Light Source Type	LED (72 pcs yellow SMD LED per light)
Light Color	Yellow (Flickering Flame Effect)
Power Source	Solar Powered
Battery	1000MAH NI-MH AA rechargeable battery (included)
Material	Plastic (Durable ABS Cover)

Waterproof Rating	IP44
Switch Type	Push Button (ON/FLASH modes)
Compatibility	Fits 3.5"x3.5", 4"x4", 4.5"x4.5", 5"x5", 5.5"x5.5" wood/vinyl/plastic posts

SETUP INSTRUCTIONS

- Unpack Contents:** Carefully remove all components from the packaging. Verify that all items listed in the "Product Contents" section are present.
- Initial Activation:** Locate the switch on the underside of the solar panel. There is an isolation tab that needs to be removed before first use. Remove this tab.
- Select Lighting Mode:** After removing the tab, set the switch to either "ON" for a steady light or "FLASH" for the flickering flame effect. For the flame effect, select "FLASH".
- First Charge:** Place the solar post cap lights in a location where they will receive full and direct sunlight for 6-8 hours. This initial charge is crucial for optimal performance.
- Choose Adapter Base:** Identify the correct adapter base that fits your post size (3.5"x3.5", 4"x4", 4.5"x4.5", 5"x5", 5.5"x5.5" wood/vinyl/plastic posts). The lights come with various adapter bases to ensure compatibility.
- Mounting:** Secure the solar cap light to the highest point of your post using the provided mounting kit (screws). Ensure the light is firmly attached.



Figure 2: Underside view of the solar light, highlighting the ON/FLASH switch and the isolation tab to be removed before initial use. Product dimensions are also shown.



Figure 3: Compatibility guide for different post sizes (wood, vinyl, plastic) and how the light fits, including potential overhang for certain sizes.

OPERATING INSTRUCTIONS

Your Dynaming Solar Post Cap Lights are designed for automatic operation once properly set up and charged.

- 1. Automatic Operation:** After the initial charge and with the switch set to "ON" or "FLASH", the solar lights will automatically turn on at dusk and turn off at dawn.
- 2. Lighting Modes:**
 - **"ON" Mode:** Provides a steady, constant light.
 - **"FLASH" Mode:** Activates the flickering flame effect, simulating a real flame.
- 3. Solar Charging:** The integrated solar panel charges the internal rechargeable battery during daylight hours. Ensure the solar panel is exposed to direct sunlight for optimal charging.



Figure 4: Illustration of the two lighting modes: "ON" for steady light and "FLASH" for the flickering flame effect.



Figure 5: Visual representation of the solar light charging during the day and providing up to 10 hours of illumination at night.

MAINTENANCE

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

- **Solar Panel Cleaning:** Keep the solar panel free of dust, dirt, leaves, or debris. These obstructions can block sunlight and reduce charging efficiency. Clean the panel gently with a soft, damp cloth or sponge.
- **Optimal Placement:** Position the lights to receive maximum direct sunlight, typically 6-8 hours daily. Periodically check the angle to align with seasonal sun shifts, which boosts light capture.
- **Snow Removal:** In snowy conditions, promptly remove snow from the solar panel with a soft brush to prevent damage and restore sunlight exposure.
- **Water Infiltration Check:** During rain or storms, inspect the seals to prevent water infiltration, although the lights are rated IP44 waterproof.
- **Stormy Weather:** In severe stormy weather, consider bringing the solar lights indoors to avoid potential damage to

the solar panels or the units themselves.

TROUBLESHOOTING

If your solar lights are not functioning as expected, please refer to the following common issues and solutions:

- **Light Does Not Turn On At Night:**

- Ensure the switch is set to "ON" or "FLASH" and the isolation tab has been removed.
- Verify the solar panel receives at least 6-8 hours of direct sunlight daily. Relocate if necessary.
- Check for any obstructions (e.g., leaves, dirt) on the solar panel and clean it.
- The battery might be depleted. Allow several days of full sunlight charging. If the issue persists, the rechargeable battery may need replacement.

- **Light Stays On During Daytime:**

- The light sensor might be obstructed or detecting insufficient light. Ensure the solar panel area is clear and exposed to bright daylight.
- The light may be placed too close to other light sources (e.g., streetlights, porch lights) which can interfere with the sensor.

- **Short Illumination Time:**

- The solar panel may not be receiving enough direct sunlight for a full charge. Adjust placement or clear obstructions.
- Weather conditions (e.g., cloudy days) can affect charging efficiency.
- The rechargeable battery may be nearing the end of its lifespan and require replacement.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official Dynaming website. Keep your purchase receipt as proof of purchase.

