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› DetarZinLED Solar Step Lights Instruction Manual (Model EL-SPW-08)

DetarZinLED EL-SPW-08

DetarZinLED Solar Step Lights Instruction Manual

Model: EL-SPW-08

INTRODUCTION

Thank you for choosing DetarZinLED Solar Step Lights. These lights are designed to provide attractive and functional illumination for outdoor steps, stairs, walkways, and patios. Utilizing solar power, they offer an energy-efficient and convenient lighting solution without the need for external wiring. This manual provides essential information for the proper installation, operation, and maintenance of your solar step lights.

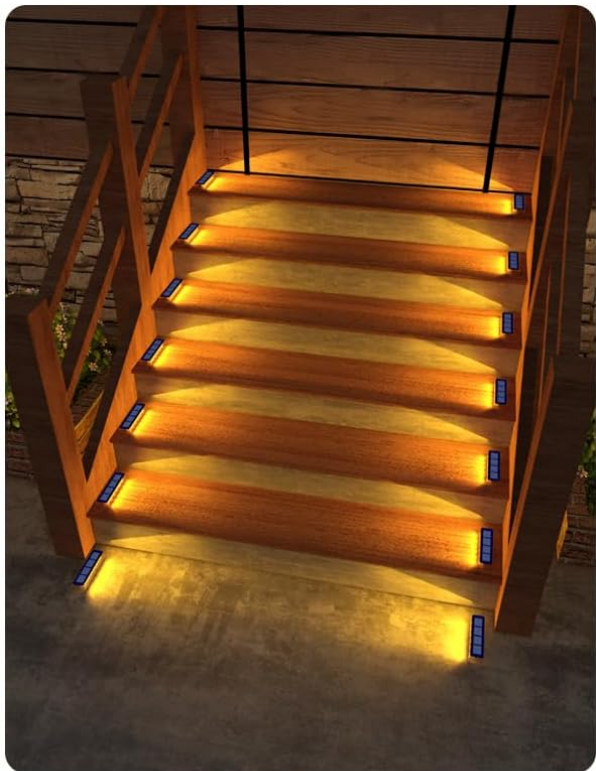
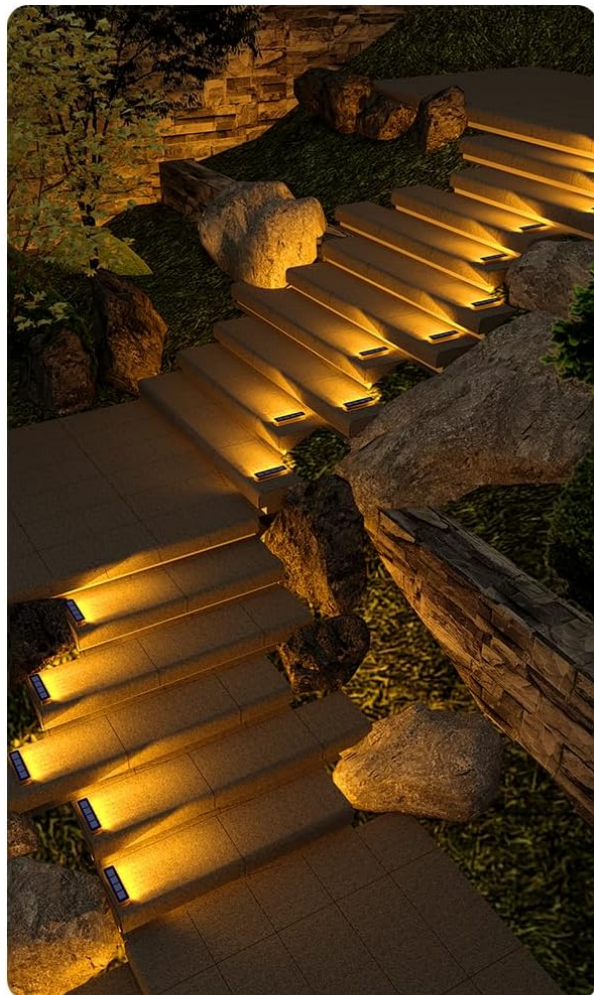
PRODUCT FEATURES

- **Sleek and Functional Design:** Designed for seamless integration with outdoor steps and walkways, providing both safety and aesthetic appeal.
- **Ultra-Bright LED Illumination:** Each light features 6 high-quality LED beads, brightening steps and providing a 45° upward refraction of light to highlight step edges.
- **Automatic Operation:** Equipped with a built-in 1000 mAh battery, the lights charge for approximately 6 hours during the day and automatically illuminate for 8-10 hours at night.
- **Durable and Weatherproof:** Constructed from polycarbonate (PC) material with an IP68 waterproof rating, ensuring resistance to rain, heat, and snow for all-weather conditions.
- **Pressure Resistant:** Engineered to withstand up to 5 tons of pressure, making them suitable for various outdoor applications including driveways.

PACKAGE CONTENTS

Upon opening your package, please verify that all components are present and in good condition:

- DetarZinLED Solar Step Lights (8 units)
- Adhesive Pads (8 pairs)



Packing List:



Solar lights × 8



Adhesive pads × 8

Figure 1: Package contents including 8 solar lights and adhesive pads.

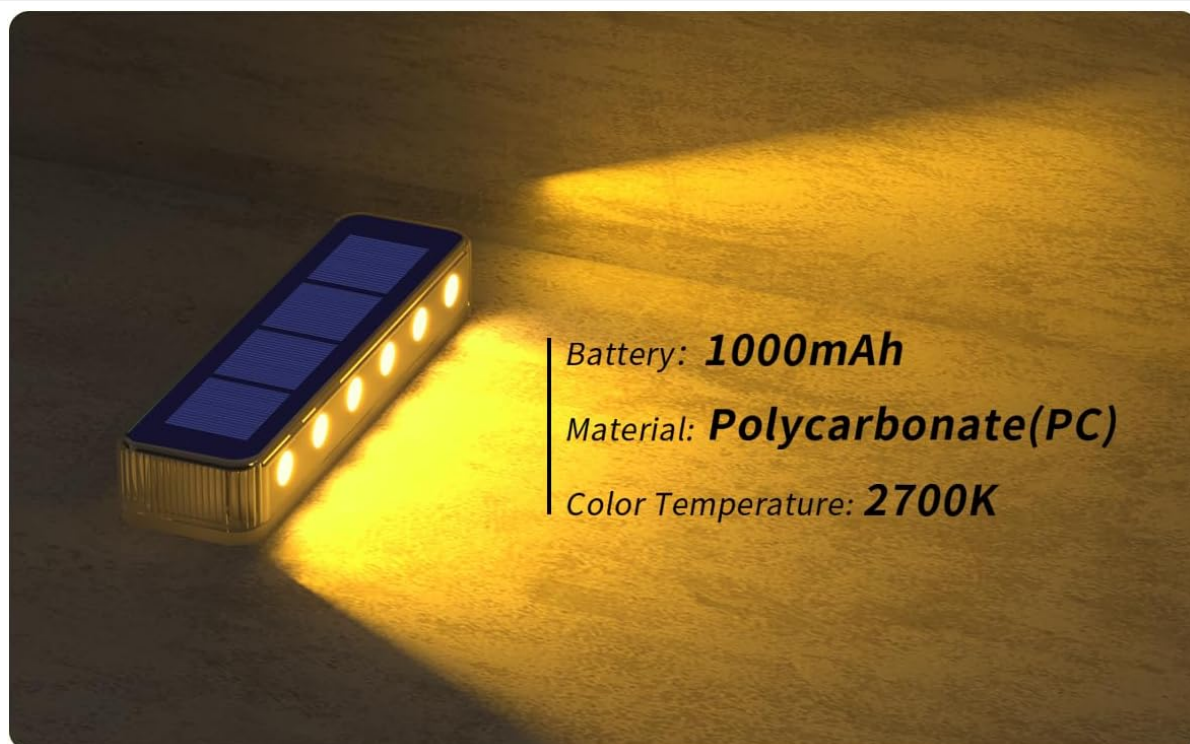
SETUP AND INSTALLATION

Follow these steps for optimal performance and longevity of your solar step lights:

1. **Unpack and Inspect:** Carefully remove all items from the packaging and inspect for any damage.
2. **Activate the Light:** Locate the ON/OFF switch on the underside of each solar light. Slide the switch to the "ON" position.
3. **Choose Location:** Select an outdoor location that receives at least 6 hours of direct sunlight daily. This ensures the solar panel can fully charge the battery. Avoid shaded areas.
4. **Clean Surface:** Ensure the installation surface (steps, walkway, etc.) is clean, dry, and smooth for

proper adhesion.

5. **Attach Adhesive Pads:** Peel the protective backing from one side of an adhesive pad and firmly attach it to the bottom of the solar light. Then, peel the other side and press the light firmly onto your desired surface.



Easy install:

- 1: Turn ON the switch



- 2: Attach the sticky pads



- 3: Put anywhere you want



Figure 2: Easy installation process for the solar step lights.

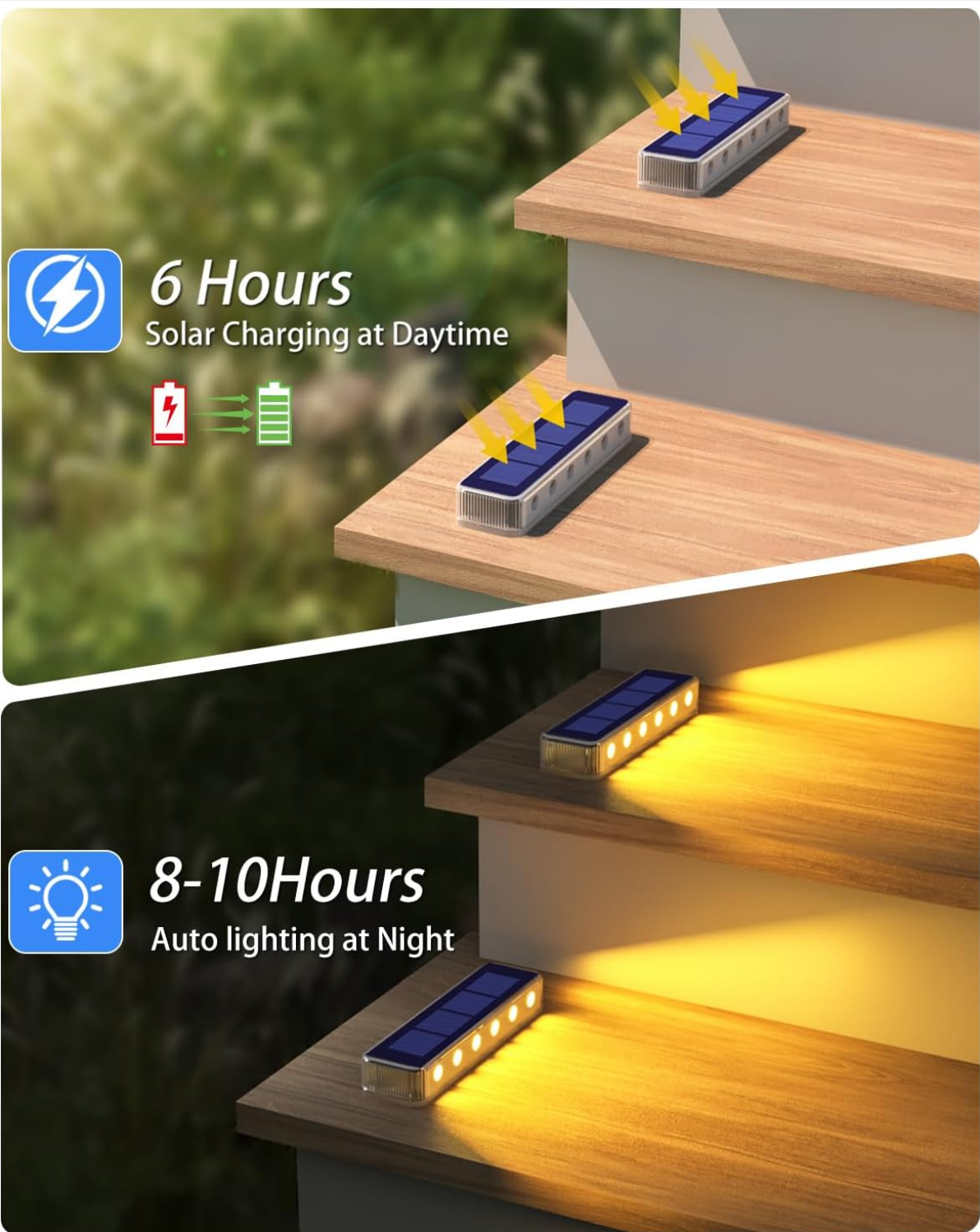


Figure 3: Solar lights charging for 6 hours during the day and providing 8-10 hours of auto lighting at night.



Figure 4: Examples of solar step lights installed on steps and along a pathway.

OPERATING INSTRUCTIONS

The DetarZinLED Solar Step Lights are designed for simple, automatic operation:

- Once the ON/OFF switch is set to "ON" during installation, the lights will automatically detect ambient light conditions.
- During daylight hours, the integrated solar panel will absorb sunlight and convert it into electrical energy to charge the internal 1000 mAh battery.
- At dusk or when the surrounding environment becomes dark, the lights will automatically turn on, providing warm white illumination for 8-10 hours, depending on the amount of sunlight received

during the day.

- At dawn or when sufficient light returns, the lights will automatically turn off and begin recharging.

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Video 1: Official product video demonstrating the DetarZinLED Solar Step Lights in various outdoor settings, highlighting their automatic operation and illumination.

MAINTENANCE

To ensure optimal performance and extend the lifespan of your solar step lights, consider the following maintenance tips:

- **Clean Solar Panels:** Regularly wipe the solar panels with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures efficient charging.
- **Clear Obstructions:** Ensure no trees, bushes, or structures are blocking direct sunlight from reaching the solar panels, especially during peak charging hours.
- **Check Adhesion:** Periodically check the adhesive pads to ensure the lights remain securely attached to the surface. Reapply or replace adhesive if necessary.
- **Weather Resistance:** While the lights are IP68 waterproof, extreme weather conditions (e.g., prolonged heavy rain, blizzards) may temporarily affect performance. Ensure proper drainage around the installation area.

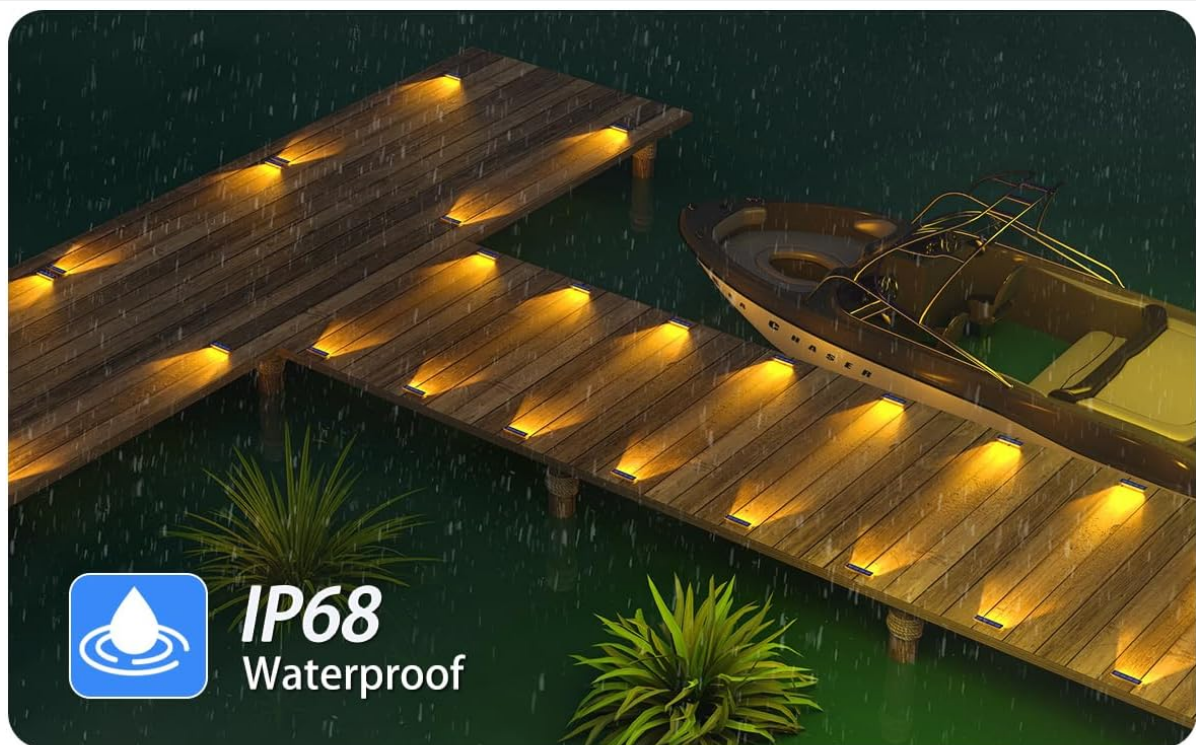


Figure 5: The lights are IP68 waterproof and pressure resistant, suitable for various outdoor environments.

TROUBLESHOOTING

If your DetarZinLED Solar Step Lights are not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on at night.	1. Switch is in "OFF" position. 2. Insufficient sunlight for charging. 3. Solar panel is dirty or obstructed. 4. Battery charge is depleted.	1. Ensure the switch is set to "ON". 2. Relocate the light to an area with at least 6 hours of direct sunlight. 3. Clean the solar panel surface. 4. Allow the light to charge for 1-2 full sunny days.
Light duration is shorter than expected.	1. Insufficient sunlight for charging. 2. Solar panel is dirty or obstructed. 3. Battery capacity reduced due to age or extreme temperatures.	1. Ensure optimal sunlight exposure. 2. Clean the solar panel regularly. 3. If the battery is old, consider replacing the unit if within warranty.
Light flickers or is dim.	1. Low battery charge. 2. Loose connection (unlikely for sealed unit).	1. Ensure the light receives adequate sunlight for charging. 2. If problem persists, contact customer support.

If you encounter any issues not listed here or if the troubleshooting steps do not resolve the problem, please contact DetarZinLED customer support for assistance.

SPECIFICATIONS

Feature	Specification
Model Number	EL-SPW-08
Brand	DetarZinLED
Color	Warm White
Material	Polycarbonate
Power Source	Solar Powered
Battery Capacity	1000 mAh
Light Source	LED (6 beads)
Light Color	Warm White
Color Temperature	2700 Kelvin
Brightness	200 Lumens
Wattage	1.2 watts
Voltage	1.2 Volts (DC)

Feature	Specification
Water Resistance Level	IP68 Waterproof
Dimensions (L x W x H)	6.1" x 1.77" x 0.98"
Installation Type	Stick on
Recommended Use	Outdoor use only: Dock, Front door, Outdoor stairs, Outdoor steps, Porch, deck, driveway, garden, path, patio, walkway

WARRANTY AND SUPPORT

DetarZinLED is committed to providing high-quality products and customer satisfaction. Your solar step lights come with a **2-year limited warranty** against defects in materials and workmanship.

- If your deck step light stops working or has any defects within 2 years of purchase, please contact our customer service team.
- We offer 24-hour online customer support to assist with any questions or concerns you may have.
- For returns, a 30-day free return policy is available.

For support, please visit the [DetarZinLED Store on Amazon](#) or refer to your purchase documentation for direct contact information.





24H*7D
Customer support



2-Year
Warranty



30-Day
Free Return



Faster
Shipping

Figure 6: DetarZinLED offers 24/7 customer support.