

SOLPEX P-FXD-12BC

SOLPEX Solar Outdoor Path Lights User Manual

Model: P-FXD-12BC

1. INTRODUCTION

Thank you for choosing SOLPEX Solar Outdoor Path Lights. These lights are designed to provide efficient, eco-friendly illumination for your garden, pathways, yard, and landscape. Featuring durable construction and automatic operation, they enhance the aesthetic appeal and safety of your outdoor spaces.

2. SAFETY INFORMATION

- Ensure the solar panel is exposed to direct sunlight for optimal charging.
- Do not attempt to disassemble or modify the product, as this may void the warranty and cause damage.
- Keep the product away from open flames or extreme heat sources.
- While the lights are IP65 waterproof, avoid prolonged submersion in water.
- Handle the ground stakes with care to prevent injury during installation.

3. PACKAGE CONTENTS

The SOLPEX Solar Outdoor Path Lights package includes:

- 12 x Solar Light Heads
- 12 x Ground Stakes (with pointed ends)
- 1 x User Manual



Figure 1: Overview of SOLPEX Solar Outdoor Path Lights.

4. SETUP AND INSTALLATION

Installation of your SOLPEX Solar Outdoor Path Lights is quick and straightforward, requiring no complicated wiring.

1. **Activate the Light:** Gently twist the 'roof' of the light head to open it. Locate the power switch inside and slide it to the 'ON' position. Twist the 'roof' back into place securely.
2. **Assemble the Stake:** The ground stake comes with a pointed end inserted into the pole for safe packaging. Pull out the pointed bottom spike from the pole. Reverse it and firmly connect the spike to the bottom of the pole.
3. **Connect Light Head to Pole:** Attach the assembled light head to the top of the pole.
4. **Positioning:** Choose a location in your garden, pathway, or yard that receives direct sunlight for at least 6-8 hours daily. This ensures optimal charging.
5. **Ground Insertion:** Gently push the assembled light into the ground. If the soil is hard, you may need to loosen it first or use a rubber mallet to gently tap the stake into place. Avoid excessive force to prevent damage.

YARD DECORATIONS



Figure 2: Visual guide for light assembly and installation.

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Video 1: Official SOLPEX Solar Outdoor Lights installation and overview.

5. OPERATING INSTRUCTIONS

Once installed and activated, your SOLPEX Solar Outdoor Path Lights operate automatically:

- **Daytime Charging:** The integrated solar panel automatically charges the internal Ni-MH battery during daylight hours. A full charge typically requires 6-8 hours of direct sunlight.
- **Automatic Illumination:** At dusk, the lights will automatically turn on, providing 8-10 hours of cold white LED illumination. At dawn, they will automatically turn off and begin recharging.
- **Weather Resistance:** The IP65 waterproof rating ensures the lights function reliably in various outdoor conditions, including rain, snow, and frost.



Figure 3: Solar charging and illumination cycle.



Enhanced IP65 Waterproof

Rest Assured to use in different outdoor weather

Figure 4: Demonstrating IP65 waterproof feature.

6. MAINTENANCE

To ensure the longevity and optimal performance of your solar lights, follow these maintenance tips:

- **Clean Solar Panels:** Regularly wipe the solar panels with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight absorption.
- **Clear Obstructions:** Ensure no trees, bushes, or other objects are shading the solar panels, especially during peak sunlight hours.
- **Battery Care:** The lights use a 1.2V/1PC 100mAh AAA Ni-MH rechargeable battery. While designed for durability, if you notice a significant decrease in illumination time after prolonged use, the battery may need replacement. Use only compatible Ni-MH batteries.
- **Seasonal Storage:** If storing the lights for an extended period, ensure they are fully charged and turn the switch to the 'OFF' position. Store them in a cool, dry place.

7. TROUBLESHOOTING

If your solar lights are not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Lights do not turn on at night.	<ol style="list-style-type: none">1. Power switch is OFF.2. Insufficient sunlight exposure.3. Solar panel is dirty.4. Battery charge is low.	<ol style="list-style-type: none">1. Ensure the switch is in the 'ON' position.2. Relocate the light to an area with direct sunlight for 6-8 hours daily.3. Clean the solar panel.4. Allow the light to charge for at least 2 full sunny days.
Lights are dim or only stay on for a short period.	<ol style="list-style-type: none">1. Insufficient charging.2. Solar panel is dirty.3. Battery is old or damaged.	<ol style="list-style-type: none">1. Ensure optimal sunlight exposure.2. Clean the solar panel regularly.3. Consider replacing the Ni-MH battery with a new, compatible one.

8. SPECIFICATIONS

Feature	Detail
Brand	SOLPEX
Model Number	P-FXD-12BC
Light Color	Cold White
Material	High-resistance ABS Plastic
Power Source	Solar Powered
Solar Panel	2V 30mA
Battery	1.2V/1PC 100mAh AAA Ni-MH Rechargeable Battery
Charging Time	6-8 hours (direct sunlight)
Illumination Time	8-10 hours (after full charge)
Water Resistance Level	IP65 Waterproof
Brightness	5 Lumen
Item Dimensions (L x W x H)	3"L x 3"W x 15"H
Item Weight	4.8 ounces
Number of Items	12

9. WARRANTY INFORMATION

SOLPEX provides a **6-month warranty** for this product. This warranty covers manufacturing defects and ensures the product functions as described under normal use. Please retain your proof of purchase for warranty claims. The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

10. CUSTOMER SUPPORT

For any questions, concerns, or technical assistance regarding your SOLPEX Solar Outdoor Path Lights, please refer to the contact information provided in your product packaging or visit the official SOLPEX website. Our customer service team is available to assist you.

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