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LairtPOW Solar Outdoor Lights

LairtPOW Solar Rope Light Instruction Manual

Model: Solar Outdoor Lights (3-Pack, 100 LED, Warm White)

Brand: LairtPOW

1. Product Overview

The LairtPOW Solar Rope Light is designed to provide ambient lighting for various outdoor settings. This 3-pack features 100 warm white LEDs per rope, each 39 feet long, powered by an integrated solar panel. The lights are IP65 waterproof, making them suitable for outdoor use in various weather conditions. They offer 8 different lighting modes to suit your decorative needs.



Image 1: LairtPOW Solar Rope Lights providing decorative illumination in various outdoor settings.

2. Package Contents

- 3 x LairtPOW Solar Rope Lights (39 FT, 100 LEDs each)
- 3 x Solar Panels with ground stakes
- User Manual

3. Setup and Installation

Follow these steps to set up your LairtPOW Solar Rope Lights:

1. **Unpack and Inspect:** Carefully remove all components from the packaging. Ensure all parts are present and undamaged.
2. **Assemble the Solar Panel:** Attach the ground stake to the solar panel unit. The stake allows for easy insertion into

soft ground.

3. **Position the Solar Panel:** Choose a location for the solar panel that receives direct sunlight for 8-12 hours daily. This ensures optimal charging of the internal battery. Angle the panel to maximize sun exposure.
4. **Unroll the Rope Light:** Gently unroll the 39-foot rope light. Avoid kinking or sharply bending the rope.
5. **Install the Rope Light:** Wrap or place the flexible rope light in your desired decorative pattern. It can be shaped around trees, fences, pergolas, or along pathways.
6. **Activate the Lights:** Locate the ON/OFF button on the back of the solar panel unit and press it to turn the lights on. The lights will automatically illuminate at dusk and turn off at dawn.

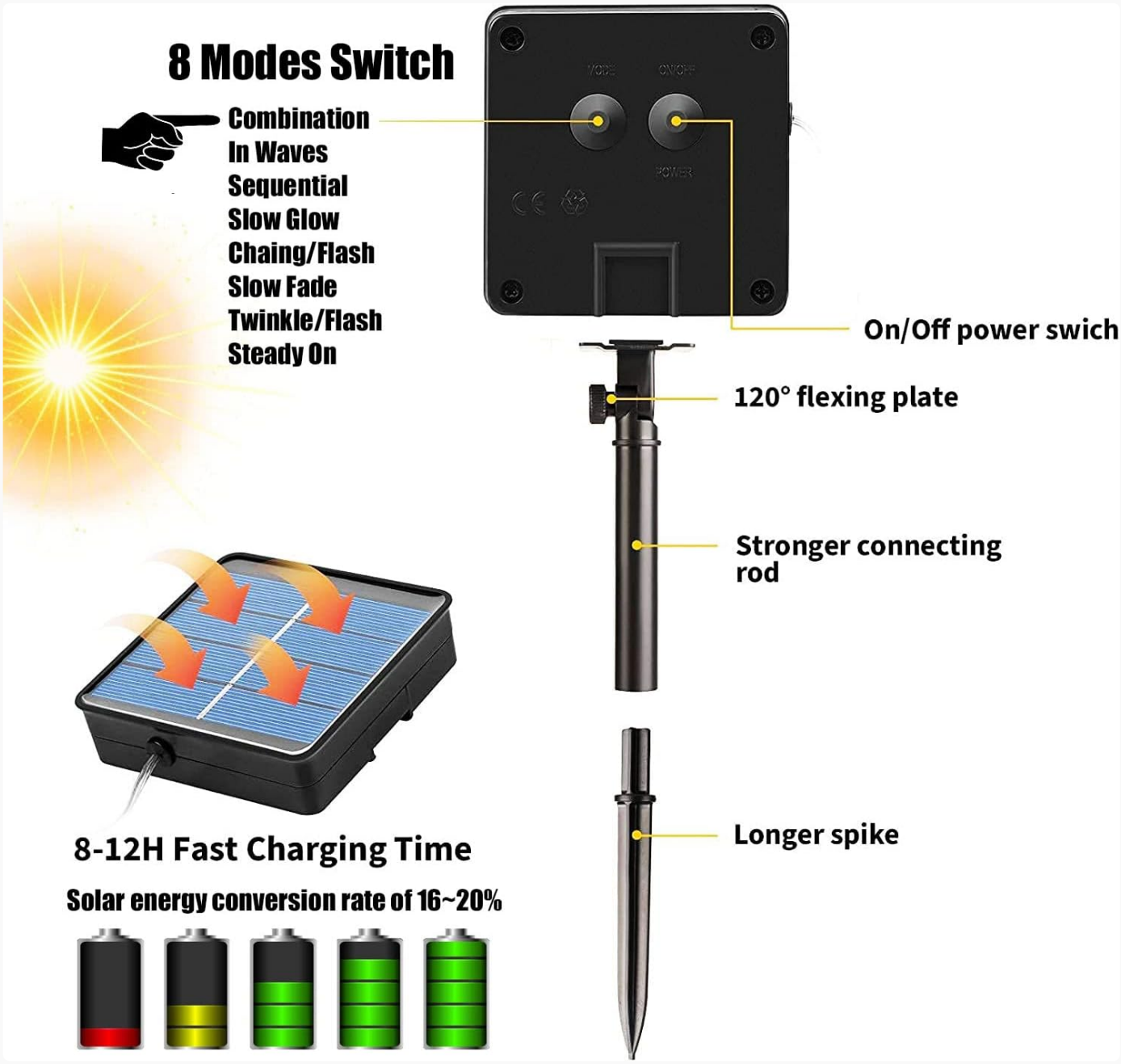


Image 2: Components of the solar panel and spike for ground installation.

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Video 1: This video demonstrates the simple installation process of the LairtPOW Solar Rope Lights, showing how to assemble the solar panel and position the lights.

4. Operating Instructions

The LairtPOW Solar Rope Lights feature an automatic light sensor and multiple lighting modes:

- **Automatic Operation:** The lights will automatically charge during the day when the solar panel is exposed to sunlight. They will turn on automatically at dusk and turn off at dawn.
- **Changing Lighting Modes:** Use the 'MODE' button on the back of the solar panel unit to cycle through the 8 available lighting modes. These modes include:
    a. Combination
    b. Firefly Twinkle
    c. Wave
    d. Fade
    e. Chase
    f. Slow Fade
    g. Steady On
    h. Twinkle/Flash
- **Power On/Off:** Use the 'ON/OFF' button on the solar panel to manually turn the lights on or off.



Image 3: Control panel with mode selection and power buttons.

5. Maintenance

To ensure the longevity and optimal performance of your solar rope lights, consider the following maintenance tips:

- **Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient sunlight absorption and charging.
- **Check for Obstructions:** Ensure the solar panel is not obstructed by leaves, snow, or other objects that could block sunlight.
- **Inspect the Rope Light:** Periodically check the rope light for any physical damage, such as cuts or cracks in the tubing. While IP65 waterproof, severe damage can compromise its integrity.
- **Battery Care:** The integrated rechargeable battery is designed for long-term use. If the lights' performance significantly diminishes over time, ensure the panel is receiving adequate sunlight.

6. Troubleshooting

If your LairtPOW Solar Rope Lights are not functioning as expected, try the following:

- **Lights Not Turning On at Night:**
    - Ensure the solar panel is placed in a location receiving 8-12 hours of direct sunlight daily.
    - Verify the ON/OFF button on the solar panel is in the 'ON' position.
    - Check if the solar panel is clean and free from obstructions.
    - Confirm there are no strong light sources (e.g., streetlights, porch lights) near the solar panel at night, as this can prevent the lights from activating automatically.
- **Lights Dim or Short Operating Time:**
    - The battery may not be fully charged. Ensure the solar panel receives maximum sunlight exposure for several days.
    - Cold weather can affect battery performance.
    - The battery may be reaching the end of its lifespan.
- **Lights Flickering or Malfunctioning:**
    - Check for loose connections between the solar panel and the rope light.
    - Inspect the rope light for any visible damage.

7. Specifications

Feature	Detail
Brand	LairtPOW
Model Number	Solar Outdoor Lights
Color	Warm White
Number of Items	3 (Pack)
Item Length	39 Feet per rope
Number of Light Sources	100 LEDs per rope
Power Source	Solar Powered
Water Resistance Level	IP65 Waterproof
Energy Conversion Rate	Up to 19%
Charging Time	8-12 hours (direct sunlight)
Operating Time	8-12 hours (after full charge)
Lighting Modes	8 (Combination, Firefly Twinkle, Wave, Fade, Chase, Slow Fade, Steady On, Twinkle/Flash)
Material Type	Acrylonitrile Butadiene Styrene
Item Weight	0.74 Kilograms

8. Warranty and Support

- **Warranty:** The product comes with a 1-year manufacturer's warranty. Please retain your proof of purchase for warranty claims.
- **Customer Support:** For further assistance, technical support, or warranty inquiries, please refer to the contact information provided on the product packaging or visit the official LairtPOW website.

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