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LairtPOW Solar Rope Lights

LairtPOW Solar Rope Light Instruction Manual

Model: Solar Rope Lights (Warm White 100 LED, 39FT)

Introduction

Thank you for choosing the LairtPOW Solar Rope Light. This manual provides essential information for the safe and efficient operation of your new lighting product. This waterproof IP65 outdoor LED lighting solution features 100 LEDs across 39 feet, designed for various outdoor and indoor decorative applications. Please read this manual thoroughly before installation and use.

Product Components

The package includes the following items:

- Solar Rope Light (39FT, 100 LEDs)
- Solar Panel with ground stake
- User Manual

Safety Information

Please observe the following safety precautions:

- Do not attempt to open or modify the solar panel or rope light components.
- Keep the solar panel clean to ensure optimal charging efficiency.
- Ensure the solar panel is placed in an area that receives direct sunlight for at least 8-12 hours daily.
- The rope light is IP65 waterproof, suitable for outdoor use, but avoid submerging the solar panel in water.
- Keep out of reach of children.

Setup Instructions

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

1. **Unpack Components:** Carefully remove all items from the packaging.

2. **Assemble Solar Panel:** Attach the ground stake to the solar panel.
3. **Position Solar Panel:** Choose a location for the solar panel that receives maximum direct sunlight throughout the day (ideally 8-12 hours). Ensure it is not shaded by trees, buildings, or other obstructions. The panel can be angled for optimal sun exposure.
4. **Unroll Rope Light:** Gently unroll the 39-foot rope light. Avoid kinking or sharply bending the rope.
5. **Install Rope Light:** Place the rope light in your desired decorative area. Its flexible design allows it to be shaped around trees, fences, patios, or other structures.
6. **Connect:** Ensure the rope light is securely connected to the solar panel.
7. **Initial Charge:** Allow the solar panel to charge for a full day (8-12 hours) before first use to ensure the battery is fully charged.



Image: LairtPOW Solar Rope Light installed around tree trunks. The solar panel is visible in the foreground, collecting sunlight.



Image: Close-up of the solar panel unit, showing the 'MODE' and 'ON/OFF' buttons on the back, along with a battery indicator.

Operating Instructions

Your solar rope light is designed for automatic operation. It will charge during the day and illuminate at night.

- **Automatic On/Off:** The lights will automatically turn on at dusk and turn off at dawn, provided the solar panel has received sufficient sunlight during the day.
- **Power Button:** Use the 'ON/OFF' button on the back of the solar panel to manually turn the lights on or off.
- **Mode Button:** Press the 'MODE' button to cycle through 8 different lighting modes:
    - Combination
    - Firefly Twinkle
    - Waves
    - Fade
    - Chase

- Slow Fade
- Steady On
- Sequential

- **Charging:** The solar panel requires 8-12 hours of direct sunlight for a full charge, providing 8-12 hours of illumination.



Image: Diagram illustrating the 8 lighting modes available on the LairtPOW Solar Rope Light, controlled via the solar panel unit.

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Video: Demonstration of the LairtPOW Solar Rope Light's waterproof features and various lighting effects in an outdoor setting.

Maintenance

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

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may

hinder charging efficiency.

- **Inspect Rope Light:** Periodically check the rope light for any signs of damage or wear.
- **Winter Storage:** In areas with prolonged periods of low sunlight or harsh winter conditions, it is recommended to store the solar rope light indoors to protect the battery and components.

Troubleshooting

Problem	Possible Cause	Solution
Lights do not turn on at night.	Insufficient sunlight for charging.	Relocate the solar panel to an area with more direct sunlight. Ensure it receives 8-12 hours of sun.
Lights are dim or only stay on for a short period.	Partial charge or dirty solar panel.	Clean the solar panel surface. Allow for a full day's charge.
Lights flicker or behave erratically.	Loose connection or low battery.	Check all connections. Ensure the solar panel is charging correctly.
Lights do not respond to mode changes.	Mode button not pressed correctly or unit malfunction.	Press the 'MODE' button firmly. If issues persist, contact customer support.

Specifications

Feature	Detail
Brand	LairtPOW
Model	Solar Rope Lights
Color	Warm White
Length	39 Feet (468 Inches)
Number of LEDs	100
Waterproof Rating	IP65
Power Source	Solar Powered
Charging Time	8-12 hours (direct sunlight)
Illumination Time	8-12 hours (fully charged)
Lighting Modes	8 (Combination, Firefly Twinkle, Waves, Fade, Chase, Slow Fade, Steady On, Sequential)
Material	Acrylonitrile Butadiene Styrene, Polyvinyl Chloride
Voltage	3.6 Volts
Wattage	5 watts

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the

official LairtPOW website. Keep your purchase receipt for warranty claims.

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