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› Solight Design SolarPuff Merlin Solar Lantern Instruction Manual

Solight Design Merlin

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Model: Merlin

INTRODUCTION

The Solight Design SolarPuff Merlin is a versatile, collapsible, solar-powered LED lantern designed for various outdoor and emergency uses. It features multiple light modes, including a color light therapy function, and is built with durable, waterproof materials. This manual provides essential information for the proper setup, operation, and maintenance of your SolarPuff Merlin lantern.

INITIAL SETUP AND CHARGING

Unfolding the Lantern

To prepare your SolarPuff Merlin for use, gently pull the sides of the collapsed lantern outwards. The unique origami design will expand into a cube shape. Ensure all panels are fully extended for optimal light diffusion.



Image: The Solight Design SolarPuff Merlin lantern in its collapsed, flat state, ready to be unfolded.

First Charge

Before initial use, place the lantern with its solar panel facing direct sunlight for 10-12 hours. This ensures the internal Lithium-Ion battery is fully charged, providing up to 12 hours of light. No external batteries or power sources are needed for charging.

all colors in one lamp



Image: The Solight Design SolarPuff Merlin lantern, showing its solar panel on top, designed for efficient charging in direct sunlight.

OPERATING INSTRUCTIONS

Power On/Off and Brightness Modes

Locate the power button on the lantern. Press the button:

- **Once:** Activates low brightness mode.
- **Twice:** Activates high brightness mode, illuminating up to 100 square feet.
- **Three times:** Activates emergency SOS flash mode.
- **Four times:** Turns the lantern off.

Color Light Therapy Modes

The SolarPuff Merlin features a multicolor light function with 6 distinct colors: Red, Green, Blue, Yellow, Purple, and White. After cycling through the brightness modes, continue pressing the power button to access the color modes. You can stop on your preferred color or allow it to cycle through all colors automatically.



Image: The Solight Design SolarPuff Merlin lantern glowing in a vibrant purple, demonstrating one of its color light therapy options.



Image: The Solight Design SolarPuff Merlin lantern emitting a soft green light, suitable for various moods and settings.



Image: The Solight Design SolarPuff Merlin lantern glowing in a warm red, ideal for creating a cozy atmosphere.



Image: The Solight Design SolarPuff Merlin lantern illuminated with a calming blue light.



Image: The Solight Design SolarPuff Merlin lantern providing bright white illumination for general use.

MAINTENANCE

Cleaning

The lantern is made from durable, recyclable PET material. To clean, gently wipe the surface with a damp cloth. Avoid using harsh chemicals or abrasive cleaners, which may damage the material or solar panel.

Storage

When not in use, the SolarPuff Merlin can be collapsed flat for easy storage. Ensure the lantern is clean and dry before collapsing. Store in a cool, dry place away from extreme temperatures.



Image: Two Solight Design SolarPuff Merlin lanterns, one red and one purple, hanging from tree branches, showcasing their portability and ease of placement.

TROUBLESHOOTING

- **Lantern not lighting up:** Ensure the solar panel has received adequate direct sunlight for charging (10-12 hours). Check that the power button has been pressed correctly to activate a light mode.
- **Short battery life:** Verify that the lantern is receiving full, unobstructed direct sunlight during charging. Partial shade or cloudy conditions can reduce charging efficiency and battery life.
- **Difficulty unfolding or collapsing:** The PET material has a memory for its shape. Gently manipulate the lantern to unfold or collapse. Avoid excessive force.

If you encounter issues not covered here, please refer to the customer support section for further assistance.

PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	Merlin

Feature	Detail
Light Source Type	Light Emitting Diode (LED)
Power Source	Solar Powered
Material	Nylon, Plastic (PET Sailcloth)
Battery Type	1 Lithium-Ion battery (included)
Battery Life	Up to 12 Hours (on full charge)
Water Resistance Level	Waterproof (IPX7)
Light Features	Color-changing, Auto-rotate colors (Red, Green, Blue, Yellow, Purple, White)
Item Weight	0.16 Pounds
Voltage	3.7 Volts

WARRANTY INFORMATION

The Solight Design SolarPuff Merlin is manufactured with high-quality materials and undergoes rigorous testing to ensure durability. For specific warranty terms and conditions, please refer to the product packaging or contact Solight Design customer support directly. Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For additional support, product inquiries, or to explore other Solight Design products, please visit our official store:

[Solight Design Store on Amazon](#)

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