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btfarm SL24 Solar String Lights Outdoor User Manual

Model: SL24 | Brand: btfarm

1. INTRODUCTION

Thank you for choosing btfarm Solar String Lights. This manual provides essential information for the safe and efficient use of your product. These solar-powered string lights are designed for outdoor decorative lighting, featuring 8 lighting modes and a waterproof design for various weather conditions.

2. WHAT'S IN THE Box

- 4 x Copper Wire Small Lights (80 LED, 33 FT each)
- 4 x Solar Panels
- 4 x Ground Stakes
- 8 x Screws
- 1 x User Manual



Image: The package contents, including four sets of coiled string lights, solar panels, and mounting hardware.

3. SETUP INSTRUCTIONS

- 1. Unpack Components:** Carefully remove all items from the packaging.
- 2. Assemble Solar Panel:** Attach the solar panel to either the ground stake or the wall-mount bracket using the provided screws. Ensure the solar panel is securely fastened.
- 3. Position Solar Panel:** Choose a location for the solar panel that receives 6-8 hours of direct sunlight daily. This is crucial for optimal charging. The solar panel can be inserted into the ground using the stake or mounted on a wall/fence using screws.
- 4. Unravel String Lights:** Gently uncoil the copper wire string lights. Be careful to avoid tangling or damaging the delicate wires.
- 5. Initial Charge:** Before first use, ensure the solar panel is exposed to direct sunlight for at least 8 hours with the power button in the 'ON' position. This will fully charge the internal battery.

Easy to install



Image: Solar panel installation options, including ground insertion and wall mounting.



Image: Solar panel charging during the day and automatic night illumination.

Setup Video Guide

Your browser does not support the video tag.

Video: An overview of the btfarm solar fairy lights, demonstrating unboxing and initial setup steps.

4. OPERATING INSTRUCTIONS

- Power On/Off:** Locate the 'ON/OFF' button on the back of the solar panel. Press it to turn the lights on or off. The lights will only illuminate in dark conditions when the solar panel is covered or at night.
- Select Lighting Mode:** Press the 'MODE' button on the back of the solar panel to cycle through the 8 available lighting modes (Combination, In Waves, Sequential, Slow Glow, Chasing, Slow Fade, Twinkle/Flash, Steady On). The built-in memory function will save your last selected mode.
- Automatic Operation:** Once powered on and a mode is selected, the lights will automatically turn on at dusk and turn off at dawn, provided the solar panel receives sufficient sunlight during the day.
- Daytime Testing:** To test the lights during the day, cover the solar panel completely. The lights should illuminate if the battery has a charge and the unit is powered on.



Image: Various outdoor settings showcasing the 8 lighting modes of the solar string lights.

5. MAINTENANCE

- **Solar Panel Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Weather Resistance:** The light string and solar panel are IP65 waterproof, designed to withstand rain, sun, and snow. However, avoid submerging the unit in water.
- **Wire Handling:** The copper wires are delicate. Handle them with care during installation and adjustment to prevent breakage or tangling.

Waterproof Design

Screw holes outside of the waterproof ring, making it more waterproof and durable



Heat resistant



Windproof



Waterproof



Cool resistant



Image: Solar panel and lights in a rainy garden, demonstrating waterproof capabilities.

6. TROUBLESHOOTING

- **Lights Not Turning On:**

- Ensure the 'ON/OFF' button is in the 'ON' position.
- Verify the solar panel is receiving adequate direct sunlight (6-8 hours) for charging.
- Check if the solar panel is covered or if it is dark enough for the lights to activate automatically.

- **Lights Dimming or Short Operating Time:**

- The solar panel may not be receiving enough direct sunlight. Relocate it to a sunnier spot.
- The battery may not be fully charged. Allow for a full day of charging before expecting 10-14 hours of illumination.
- Ensure the solar panel is clean and free from obstructions.

- **Physical Damage to Wires:**

- The copper wires are thin and can tangle or break if not handled carefully. Inspect for any visible damage.
- Note that these units are not designed to connect multiple strings to a single solar panel. Each

string light set operates independently with its own solar panel.

7. SPECIFICATIONS

Brand	btfarm
Model Number	SL24
Color	Multicolor
LED Quantity	320 (80 LEDs per 33 FT string)
Total Length	132 FT (4 x 33 FT strings)
Lead Wire Length	6.5 FT (from solar panel to first LED)
Power Source	Solar Powered
Waterproof Rating	IP65
Lighting Modes	8 (Combination, In Waves, Sequential, Slow Glow, Chasing, Slow Fade, Twinkle/Flash, Steady On)
Material	Copper, Plastic
Item Weight	1.01 pounds (0.46 Kilograms)

8. WARRANTY AND SUPPORT

btfarm offers the following for your product:

- **Quality Assurance:** 365 days.
- **Customer Service:** 24 hours, 7 days a week online support.
- **Returns & Exchange:** 30 days free return and exchange.

For further assistance, please refer to the contact information provided with your purchase or visit the official btfarm store.