

btfarm SL21

btfarm SL21 Solar String Lights Outdoor Instruction Manual

Model: SL21

1. INTRODUCTION

Thank you for choosing the btfarm SL21 Solar String Lights Outdoor. This manual provides essential information for the safe and efficient use of your new solar-powered fairy lights. Designed for outdoor use, these waterproof lights feature 8 lighting modes and a durable copper wire, perfect for enhancing your patio, garden, wedding, or holiday decor. Please read these instructions carefully before installation and operation.



Image: btfarm SL21 Solar String Lights Outdoor, showcasing the warm white LEDs on copper wire.

2. SAFETY INFORMATION

- Ensure the solar panel is placed in an area that receives 6-8 hours of direct sunlight daily for optimal charging.
- Do not submerge the solar panel or string lights in water for extended periods, despite their waterproof rating.
- Keep the solar panel clean from dust, dirt, and debris to maintain charging efficiency.
- Avoid placing the lights near open flames or excessive heat sources.
- Do not attempt to modify or repair the product yourself. Contact customer support for assistance.
- Keep out of reach of children and pets.

Waterproof Design

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



Heat resistant



Windproof



Waterproof



Cool resistant



Image: The waterproof design of the solar panel and string lights, suitable for various weather conditions.

3. PACKAGE CONTENTS

Your btfarm SL21 Solar String Lights package includes the following items:

- 2 x Solar String Lights (150 LED, 55FT each)
- 2 x Solar Panel
- 2 x Ground Stakes
- 4 x Screws
- 1 x User Manual

4. SETUP INSTRUCTIONS

Follow these steps to set up your solar string lights:

4.1 Assembling the Solar Panel

1. Attach the ground stake to the solar panel unit. Ensure it is securely fastened.
2. Adjust the angle of the solar panel to face direct sunlight.

Easy to install

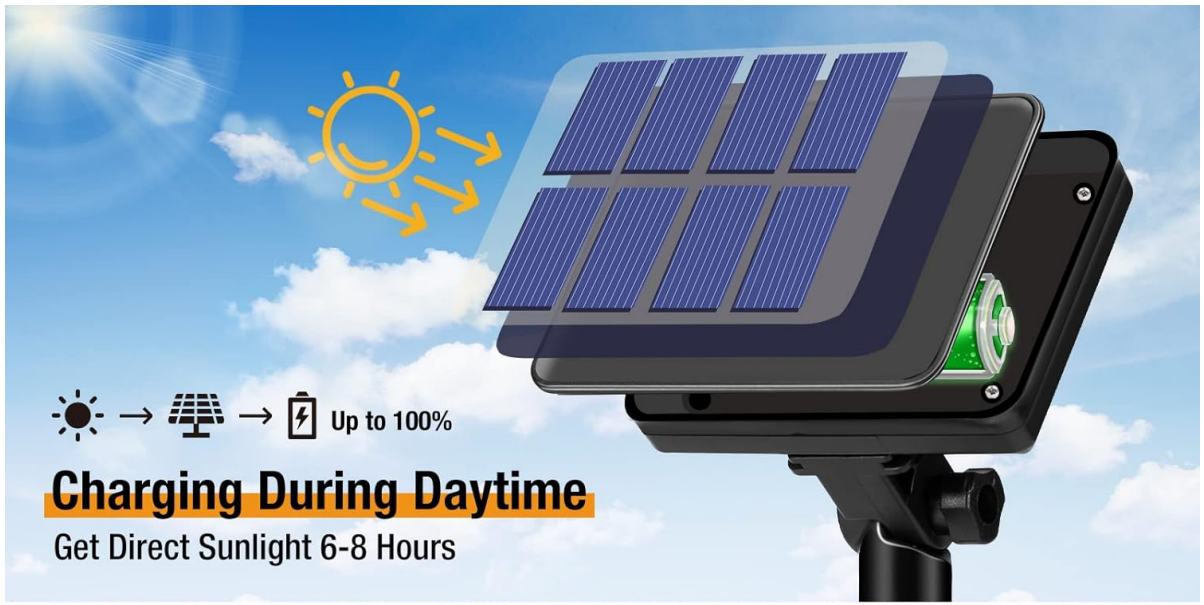


Image: Visual guide for assembling the ground stake to the solar panel and options for mounting (wall or ground).

Video: Demonstrates the assembly of the solar panel and ground stake, and how to test the lights during the day by covering the panel.

4.2 Placement and Charging

1. Choose a location for the solar panel where it can receive 6-8 hours of direct sunlight daily. This is crucial for efficient charging.
2. Insert the ground stake into soft ground or use the provided screws to mount the solar panel on a wall.
3. Unwind the copper wire string lights and arrange them as desired around plants, fences, patios, or other outdoor features.
4. Ensure the ON/OFF button on the back of the solar panel is pressed to the "ON" position before the initial charge.



☀️ → 🌞 → 🔋 Up to 100%

Charging During Daytime

Get Direct Sunlight 6-8 Hours



Auto Lighting Up at Night

Working 8-14 Hours After Full Charge

Image: Illustrates the solar panel charging during the day and the lights automatically illuminating at night.

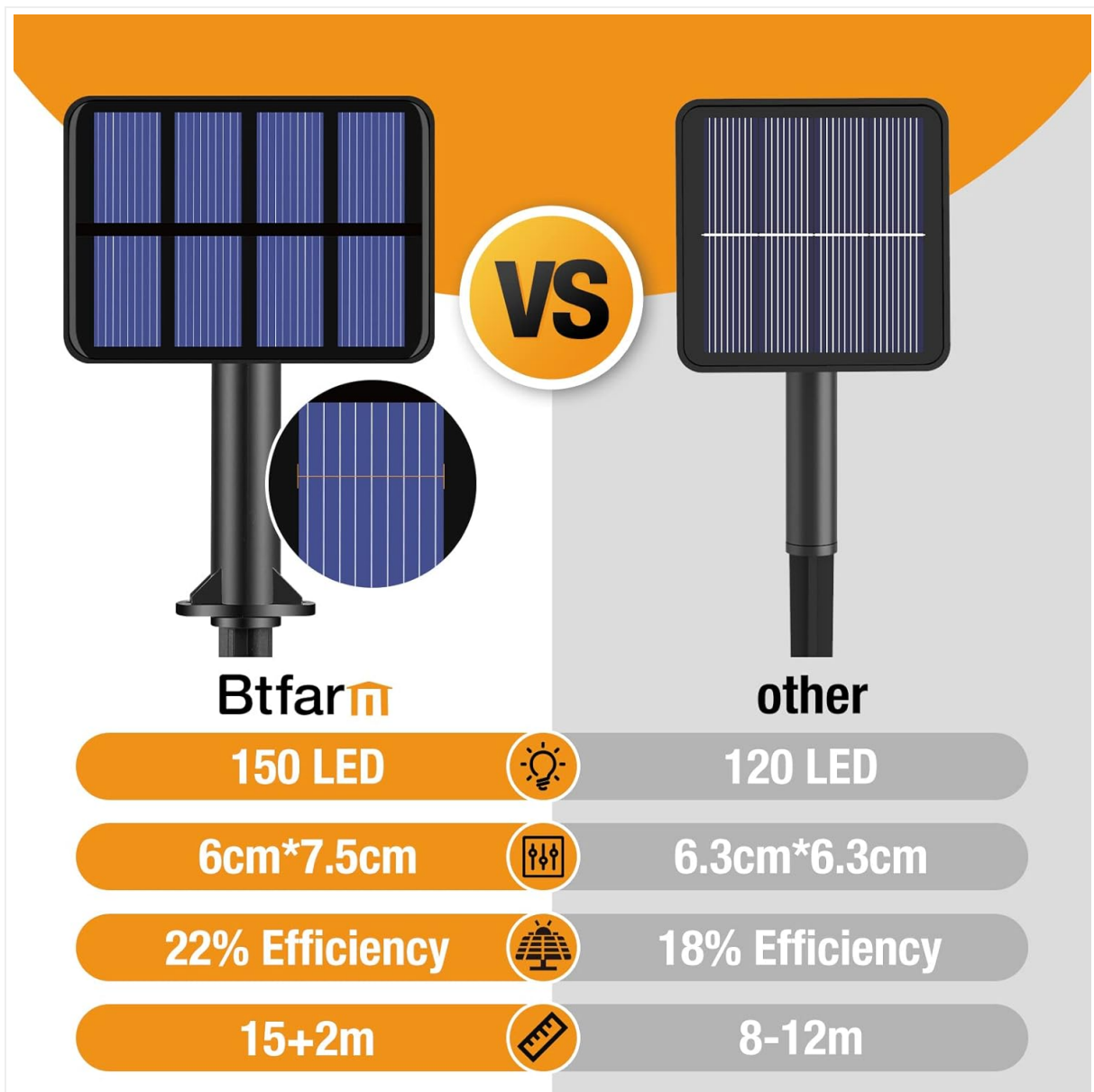


Image: Highlights the upgraded solar panel's larger size and higher efficiency for faster charging and longer illumination.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

- Locate the ON/OFF button on the back of the solar panel.
- Press the button to turn the lights ON or OFF. The lights will automatically turn on at dusk and off at dawn when the switch is in the "ON" position.

5.2 Selecting Lighting Modes

- Press the "MODE" button on the back of the solar panel to cycle through the 8 available lighting modes.
- The built-in memory function will save your last selected mode, so you do not need to reset it daily.

The 8 lighting modes include:

1. Combination
2. In Waves
3. Sequential
4. Slow Glow

5. Chasing/Flash
6. Slow Fade
7. Twinkle/Flash
8. Steady On



Image: Displays different decorative applications of the lights and indicates the availability of 8 lighting modes.

6. MAINTENANCE

- **Cleaning the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Storage:** If storing the lights for an extended period, ensure the solar panel is fully charged, then turn the power off. Store in a cool, dry place.
- **Wire Care:** Handle the copper wire gently to avoid bending or breaking the delicate strands.

7. TROUBLESHOOTING

If your solar string lights are not functioning as expected, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	<ul style="list-style-type: none"> ◦ Solar panel not receiving enough direct sunlight. ◦ ON/OFF switch is in the "OFF" position. ◦ Solar panel is dirty. ◦ Battery is not fully charged. 	<ul style="list-style-type: none"> ◦ Relocate the solar panel to an area with 6-8 hours of direct sunlight. ◦ Ensure the ON/OFF switch is in the "ON" position. ◦ Clean the solar panel surface. ◦ Allow the solar panel to charge for a full day in direct sunlight.
Lights turn off quickly or are dim.	<ul style="list-style-type: none"> ◦ Insufficient charging due to cloudy weather or shade. ◦ Battery capacity reduced over time. 	<ul style="list-style-type: none"> ◦ Ensure optimal solar panel placement. ◦ On cloudy days, the operating time will be shorter. ◦ Consider replacing the battery if performance significantly degrades after prolonged use (contact support for battery type).
Lights flicker or behave erratically.	<ul style="list-style-type: none"> ◦ Loose connection. ◦ Moisture ingress (unlikely with waterproof design, but possible if damaged). 	<ul style="list-style-type: none"> ◦ Check all connections. ◦ Ensure the solar panel and lights are not damaged. ◦ If issues persist, contact customer support.

8. PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	SL21
Brand	btfarm
Light Source Type	LED
Power Source	Solar Powered
Light Color	Warm White
Color Temperature	2700 Kelvin
Wattage	5 watts
Control Method	Touch (via buttons on solar panel)
Water Resistance Level	Waterproof (IP65)
Indoor/Outdoor Usage	Outdoor
Number of Light Sources	150 per string (300 total for 2-pack)
Item Weight	0.26 Kilograms
Material Type	Copper
Special Features	8 Modes, Memory Function, Upgraded High-Efficiency Solar Panels

Charging Time	6-8 hours in direct sunlight
Working Time	8-14 hours after full charge

9. WARRANTY AND SUPPORT

Your btfarm SL21 Solar String Lights come with a manufacturer's warranty. For specific details regarding the warranty period and coverage, please refer to the product packaging or contact btfarm customer support. For any questions, technical support, or warranty claims, please contact the seller, Zhenyu-US, through your Amazon order details page. They are available to assist you with any product-related inquiries.

- **Manufacturer:** Btfarm
- **Seller:** Zhenyu-US
- **Warranty Description:** 2 (This typically refers to a 2-year warranty, but please confirm with the seller for exact terms.)