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› Brightech Ambience Pro Solar Powered Outdoor String Lights User Manual

Brightech BJ-4TZ9-8ISY

Brightech Ambience Pro Solar Powered Outdoor String Lights User Manual

Model: BJ-4TZ9-8ISY

INTRODUCTION

Thank you for choosing Brightech Ambience Pro Solar Powered Outdoor String Lights. This manual provides essential information for the safe and efficient use of your new string lights. Please read it thoroughly before installation and operation, and retain it for future reference.

These commercial-grade, waterproof patio lights are designed to enhance your outdoor spaces with a warm, inviting glow, powered entirely by solar energy. Featuring shatterproof LED Edison bulbs, they are built to withstand various weather conditions, offering a durable and eco-friendly lighting solution.

PRODUCT FEATURES

- **Solar Powered:** Utilizes a detachable solar panel for energy, eliminating the need for electrical outlets.
- **Durable Construction:** 27 ft long string with 12 LED bulbs, featuring Brightech's WeatherTite technology for resistance against winds up to 50 MPH, rain, and snow.
- **Shatterproof Bulbs:** S14 plastic bulbs are designed to be shatterproof and heat-resistant up to 122 degrees Fahrenheit.
- **Long-Lasting LEDs:** LED bulbs have a lifespan of 20,000 hours.
- **Efficient Solar Panel:** Rated for 1,000 charge lifespans (approximately 2.5 years), providing 5-6 hours of illumination on a full charge (6 hours of direct sunlight).
- **Flexible Installation:** Solar panel can be placed almost anywhere using the included stake or clip.
- **Warm Ambiance:** 3000K soft white light creates an elegant and relaxing atmosphere.

PACKAGE CONTENTS

Your Brightech Ambience Pro Solar Powered Outdoor String Lights package should include:

- 1 x 27 ft String Light with 12 LED Edison Bulbs
- 1 x Detachable Solar Panel
- 1 x Ground Stake for Solar Panel
- 1 x Clip for Solar Panel

- Mounting Screws (for solar panel)

SAFETY INFORMATION

Please observe the following safety precautions to prevent injury or damage:

- Do not attempt to modify or disassemble the product.
- Ensure the solar panel is placed in an area that receives maximum direct sunlight for optimal charging.
- Keep the solar panel and bulbs clean to maintain efficiency.
- Avoid hanging the string lights in areas where they could pose a tripping hazard.
- While the product is waterproof, avoid submerging the solar panel or bulbs in water.
- Do not connect these solar lights to any other power source.

SETUP

Follow these steps for proper installation of your string lights:

1. **Unpack:** Carefully remove all components from the packaging.
2. **Solar Panel Placement:**
 - Choose a location for the solar panel that receives at least 6 hours of direct sunlight daily. This is crucial for a full charge and maximum illumination time.
 - You can use the included ground stake to secure the panel in soft ground or the durable clip to attach it to a fence, railing, or other suitable surface. Screws are also provided for permanent mounting.

Quick and Easy Installation

Clip, Stake & Screws Included



Figure 1: Quick and easy installation options for the solar panel, including a ground stake, durable clip, and sturdy screws.

3. **Connect Solar Panel:** Attach the solar panel cable to the string light connector. Ensure a secure connection.
4. **String Light Installation:**
 - Carefully uncoil the string lights. The string is 27 feet long with 12 bulbs, spaced 20 inches apart. There is a 6-foot lead cord from the solar panel to the first bulb.
 - Hang the string lights using the integrated hook holes on each bulb socket. You can drape them across a patio, pergola, gazebo, or along a fence.

Lengthy Strand Perfect for Outdoor Use

12 bulbs
1W LED

27ft
String Length

6ft Cord Extension
Sold Separately

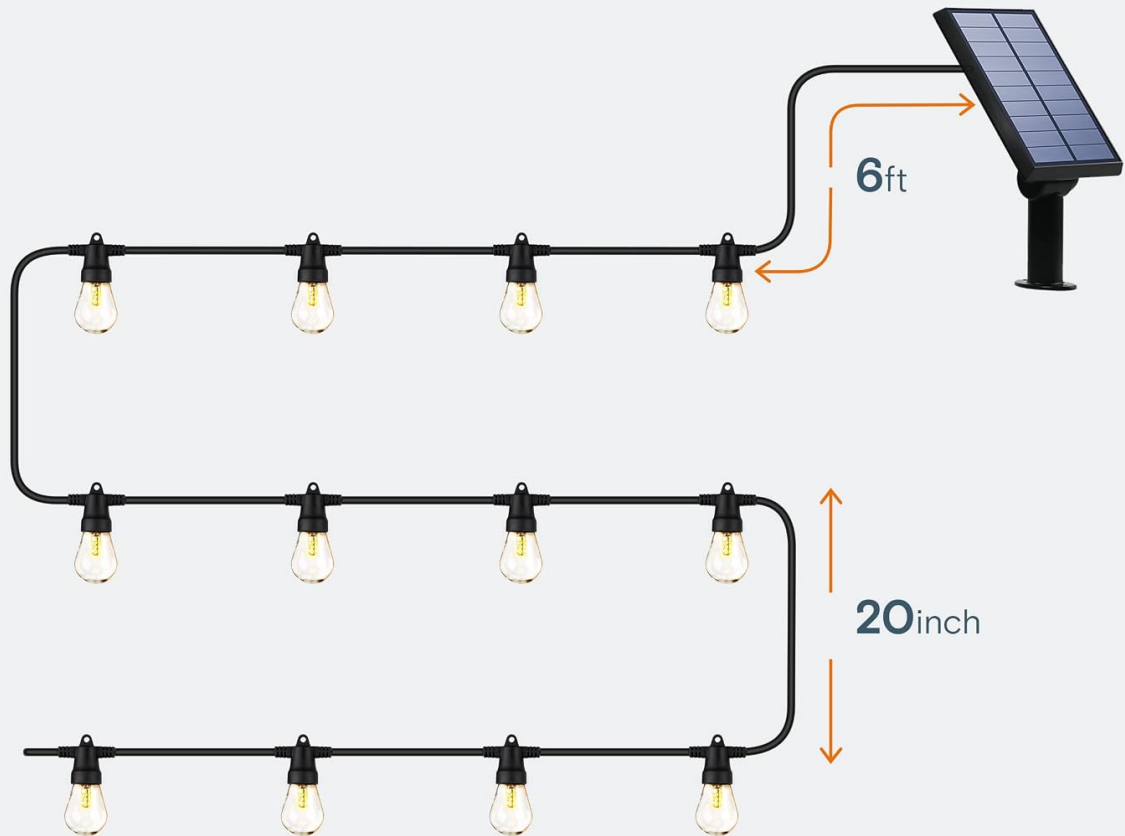


Figure 2: Diagram showing the dimensions and layout of the string lights, including bulb count, string length, and spacing.

5. **Initial Charge:** Before first use, ensure the solar panel is exposed to direct sunlight for at least 6-8 hours to allow the internal batteries to fully charge.

OPERATING INSTRUCTIONS

Your Brightech Ambience Pro Solar Powered Outdoor String Lights are designed for simple, automatic operation:

- **Power On/Off:** Locate the On/Off switch on the back of the solar panel. Set it to the 'ON' position for automatic operation.
- **Automatic Operation:** Once the switch is in the 'ON' position and the batteries are charged, the lights will automatically turn on at dusk and turn off at dawn.
- **Daylight Sensor:** The built-in daylight sensor detects ambient light levels, ensuring the lights only activate when it's dark enough.



Figure 3: The lights are safe to touch due to low-heat LEDs, are fully off-the-grid, and are solar-friendly.

MAINTENANCE

To ensure the longevity and optimal performance of your string lights, follow these maintenance tips:

- **Clean Solar Panel:** Periodically 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.
- **Bulb Care:** The bulbs are shatterproof plastic and require minimal maintenance. If a bulb becomes dirty, gently wipe it clean. No bulb replacement is typically needed due to the long lifespan of LEDs.
- **Battery Lifespan:** The internal batteries have a rated lifespan of 1,000 charges. If you notice a significant decrease in illumination time after prolonged use (beyond 2.5 years), the batteries may need to be replaced. This process is typically user-serviceable for some models, but consult Brightech support if unsure.
- **Storage:** If storing the lights for an extended period, ensure the solar panel is fully charged, then turn the power switch to 'OFF'. Store in a cool, dry place.



WEATHERTITE
TECHNOLOGY



SHATTERPROOF
Plastic Bulbs



WINDPROOF
50MPH



WATERPROOF
IP55



TEMPERATURE RESISTANCE
-4°F TO 122°F



Figure 4: The lights feature WeatherTite technology, ensuring durability against various outdoor elements.

TROUBLESHOOTING

If you encounter issues with your string lights, try the following solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	Solar panel not receiving enough sunlight; switch is off; battery is depleted.	Ensure solar panel is in a location with direct sunlight for 6-8 hours daily. Check that the On/Off switch on the solar panel is in the 'ON' position. Allow a full day of charging.
Lights are dim or only stay on for a short time.	Insufficient charge; dirty solar panel; aging battery.	Clean the solar panel surface. Ensure the panel receives maximum direct sunlight. If the product is old, the internal batteries may need replacement.
Lights flicker.	Loose connection; low battery charge.	Check all connections, especially between the solar panel and the light string. Ensure the battery is fully charged.

SPECIFICATIONS

Attribute	Detail
Model Number	BJ-4TZ9-8ISY
Brand	Brightech
Indoor/Outdoor Usage	Outdoor
Special Features	Waterproof, Weather Resistant, Shatterproof, Energy Efficient
Light Source Type	LED
Power Source	Solar Powered
Light Color	Soft White (3000 Kelvin)
Style	Bright (1W) 27 Ft
Material	Rubber (cord)
Controller Type	Button Control
Number of Light Sources	12
Voltage	3.7V
Bulb Shape Size	S14 (Edison style)
Wattage	1 watts
Item Weight	2.51 Pounds
Number of Batteries	2 AA batteries required (internal)
Water Resistance Level	Waterproof
UPC	858100007760

WARRANTY AND SUPPORT

Brightech stands behind the quality of its products. Your Ambience Pro Solar Powered Outdoor String Lights come with an industry-leading **2-year limited warranty**. This warranty covers any defects, malfunctions, or sudden failures of your string light.

If you experience any issues or require assistance, please do not hesitate to reach out to Brightech's customer support team. For more information or to contact support, visit the official Brightech store or contact them directly through their website.

For additional products and information, visit the [Brightech Store](#).

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