DAYBETTER CST121B060-ASB0

DAYBETTER 120ft Solar String Lights Instruction Manual
Model: CST121B060-ASB0

1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your DAYBETTER 120ft Solar String Lights. These outdoor lights are designed to provide warm white illumination for various outdoor settings, utilizing solar power for energy efficiency. Please read these instructions thoroughly before installation and operation.

2. PRODUCT FEATURES

- **Energy-Saving Solar Operation:** Utilizes sunlight for power, eliminating electricity costs and the need for external wiring or outlets.
- **All-Weather Waterproof Design:** Constructed to endure various weather conditions including rain, snow, and humidity, ensuring year-round functionality.
- **Easy Installation & Versatile Use:** The 120ft length allows for flexible placement across fences, trees, pergolas, or pathways.
- **Warm White Ambiance (2700K):** Features 60 energy-efficient LED bulbs that emit a cozy glow, suitable for outdoor gatherings and relaxation.
- **Long-Lasting Battery & Auto On/Off:** The solar panel charges during the day, and the lights automatically activate at dusk and deactivate at dawn.
- **Low Maintenance:** Designed for minimal upkeep, contributing to a reduced carbon footprint.
- **Complete Kit with Stakes & Hooks:** Includes adjustable ground stakes and adhesive hooks for diverse mounting options on grass, walls, or decks.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 120ft LED Solar String Lights with 60 bulbs

- Solar Panel with integrated battery

- Remote Control

- USB Charging Cable

- Ground Stake for solar panel

- Adhesive Hooks and Screws for mounting

Figure 3.1: Overview of included components for the DAYBETTER 120ft Solar String Lights.

4. SETUP AND INSTALLATION

Follow these steps to set up your solar string lights:

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

2. **Solar Panel Placement:** Choose a location for the solar panel that receives direct sunlight for at least 6-8 hours daily. This ensures optimal charging.

3. **Mounting the Solar Panel:**

   - **Ground Stake:** Attach the ground stake to the solar panel and firmly insert it into the ground.

   - **Wall-Mount/Clip:** Use the provided screws or adhesive clips to secure the solar panel to a wall,

fence, or other suitable surface. Ensure the panel is angled towards the sun.

4. **String Light Placement:** Drape the 120ft string lights in your desired pattern across your garden, patio, or backyard. Use the integrated hooks on each bulb socket to secure the lights to wires, nails, or other fixtures.

5. **Connect Solar Panel to Lights:** Connect the string light cable to the solar panel's output port. Ensure a secure connection.

6. **Initial Charge:** Allow the solar panel to charge for a full day (6-8 hours) in direct sunlight before first use.
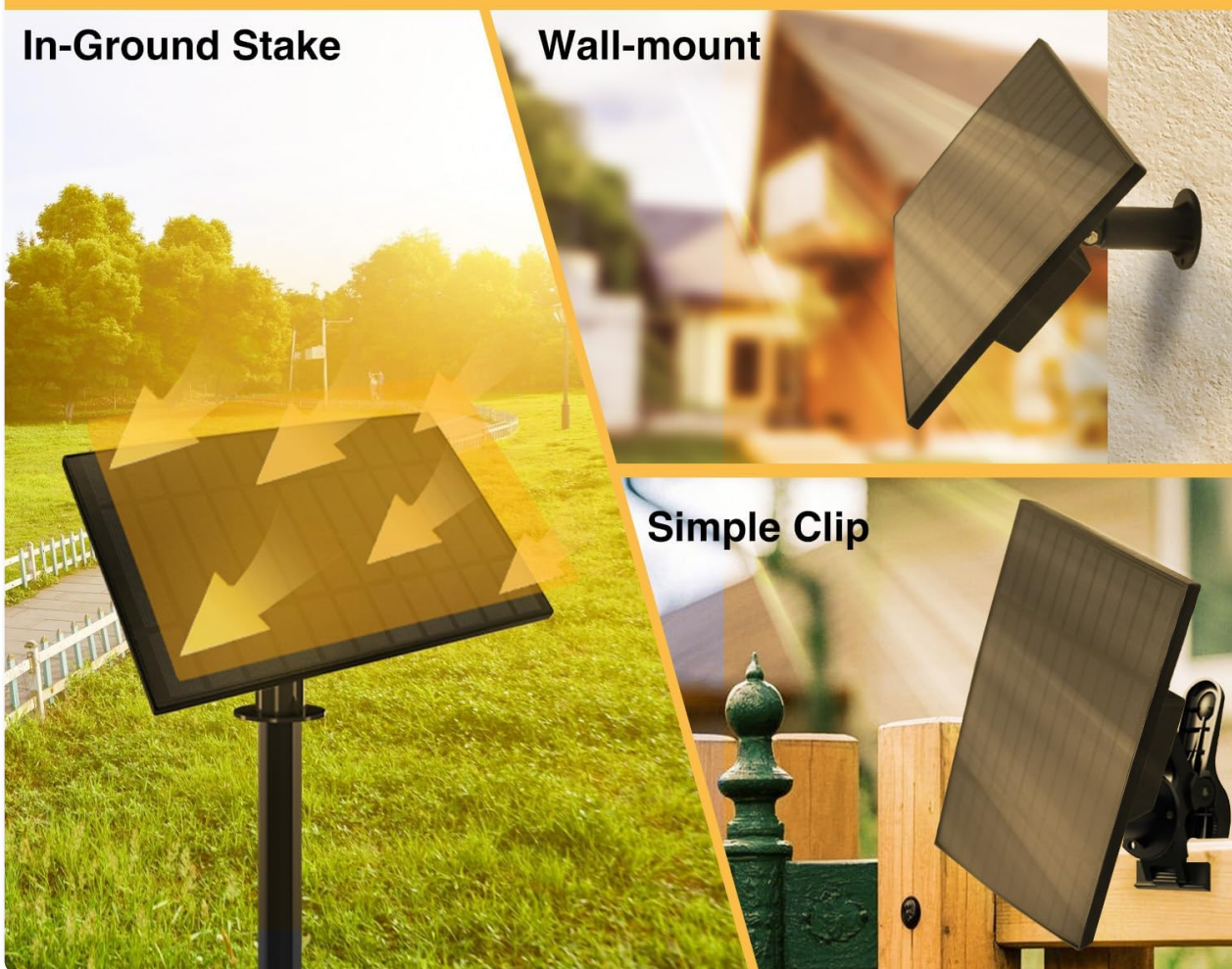

Figure 4.1: Various installation options for the solar panel, including ground stake, wall-mount, and clip attachment.
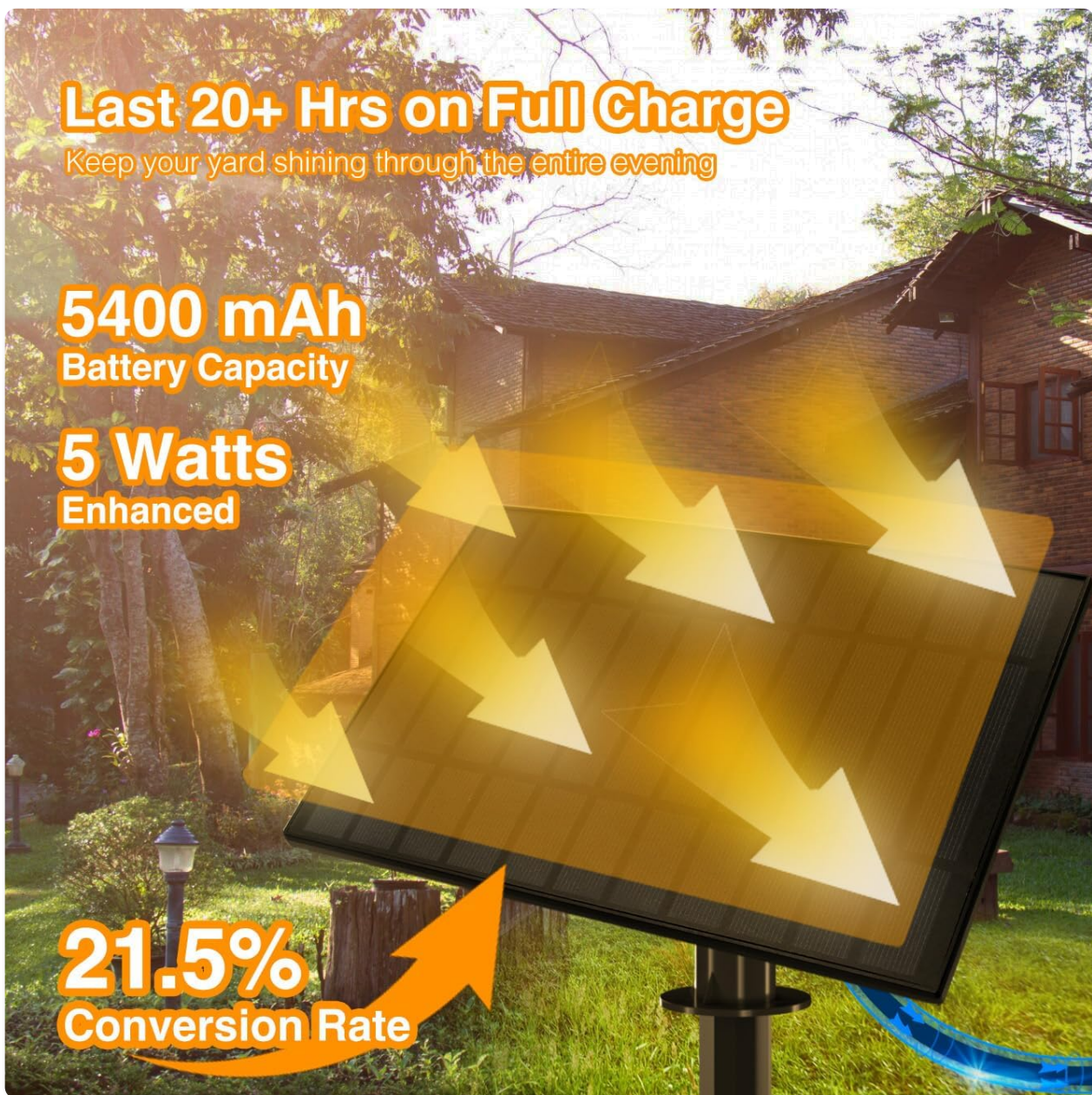
Figure 4.2: The solar panel efficiently converts sunlight to charge its internal battery, providing power for the lights.

5. OPERATING INSTRUCTIONS

Your DAYBETTER Solar String Lights are designed for ease of use:

1. **Automatic Operation:** After a full charge, the lights will automatically turn on at dusk and turn off at dawn.

2. **Remote Control Functions:** The included remote control allows for manual operation and customization. Ensure the remote has batteries and is pointed towards the solar panel receiver.

   - **ON/OFF:** Press to manually turn the lights on or off.
   - **Timer Settings (4H, 6H, 8H):** Set the lights to stay on for 4, 6, or 8 hours.
   - **Brightness Adjustment (25%, 50%, 75%, 100%):** Adjust the light intensity to your preference.
   - **Mode Selection (1-8):** Choose from various lighting modes such as Steady On, Breath, or Flash.
   - **Speed Adjustment (Speed+, Speed-):** For dynamic modes, adjust the speed of the lighting effect.

3. **USB Charging (Optional):** In periods of low sunlight, the solar panel can be charged via the provided USB cable for 4 hours to ensure continuous operation.

Figure 5.1: The remote control provides comprehensive options for managing light settings, including timers, brightness, and various modes.

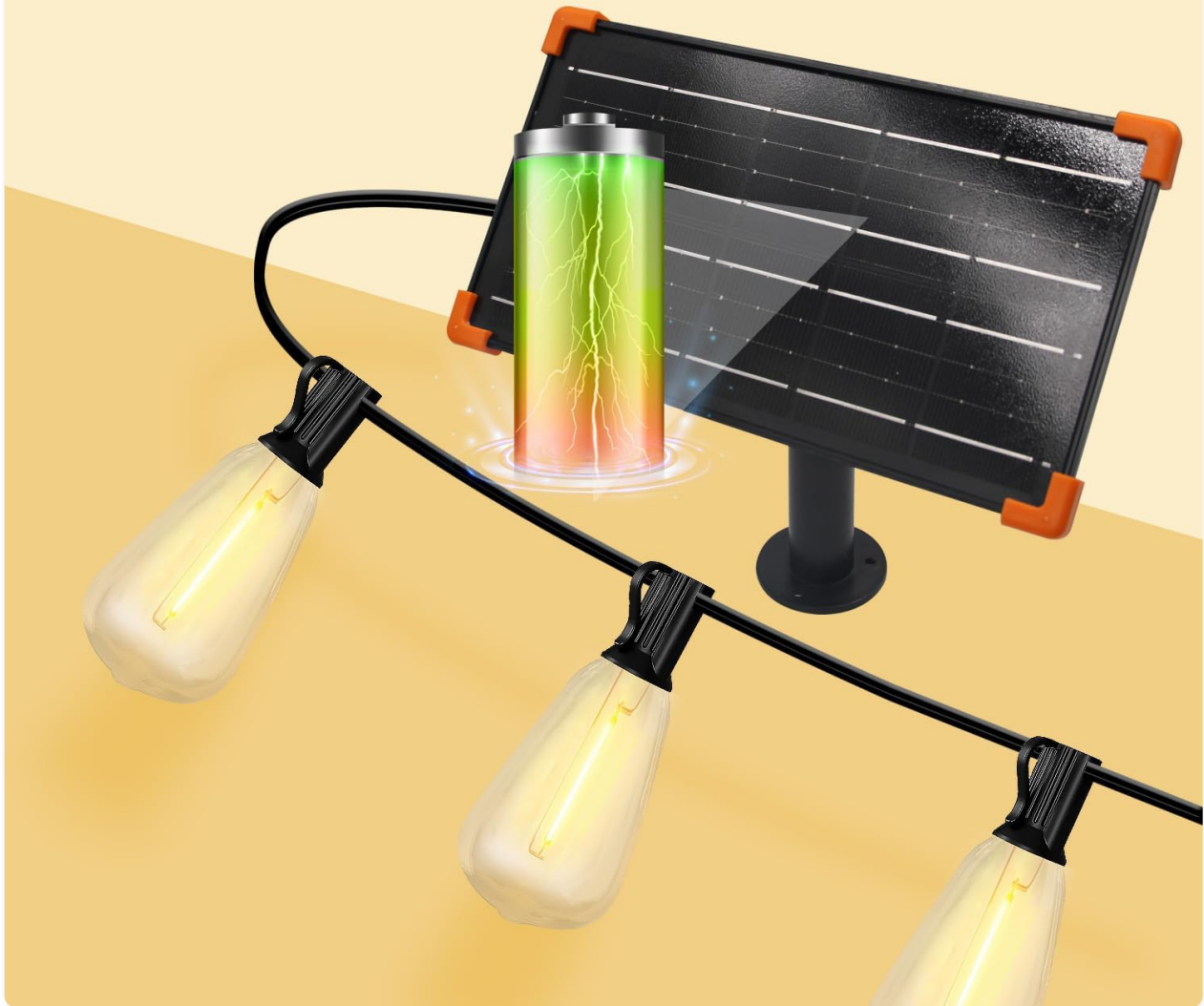# Up to 20 Hours Long-Lasting Continuous Runtime
20% Conversion Rate

Figure 5.2: The solar panel's efficient charging system provides extended operating time for the string lights.

Figure 5.3: The solar panel offers a USB charging option for quick power replenishment during periods of insufficient sunlight.

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Video 5.1: This video demonstrates the warm glow of the DAYBETTER Solar String Lights in an outdoor setting, showcasing their aesthetic appeal and functionality.

6. Maintenance

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

- **Clean Solar Panel:** Regularly wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.

- **Inspect Connections:** Periodically check all connections between the solar panel and the string lights to ensure they are secure and free from corrosion.

- **Bulb Replacement:** While LED bulbs are long-lasting, if a bulb needs replacement, ensure the power is off and replace it with a compatible LED bulb (E12 base, ST18 shape).

- **Winter Storage (Optional):** In areas with harsh winters, you may choose to bring the solar panel and lights indoors for storage to protect them from extreme conditions, though they are designed to be all-

weather.

7. Troubleshooting

If you encounter issues with your solar string lights, refer to the following common solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	Insufficient solar panel charge.	Ensure the solar panel is placed in direct sunlight for 6-8 hours daily. Clean the solar panel surface. Use USB charging if sunlight is consistently low.
Lights are dim or flicker.	Low battery charge or dirty solar panel.	Allow the solar panel to charge fully. Clean the solar panel. Check remote brightness settings.
Lights turn off too early.	Timer setting activated or insufficient charge.	Check remote control for active timer settings. Ensure adequate solar panel charging.
Remote control not working.	Remote batteries depleted or obstruction.	Replace remote control batteries. Ensure no obstructions between remote and solar panel receiver.

8. Specifications
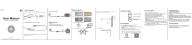
Feature	Detail
Brand	DAYBETTER
Model Number	CST121B060-ASB0
Length	120 Feet
Number of Light Sources	60
Light Color	Warm White (2700K)
Power Source	Solar Powered
Indoor/Outdoor Usage	Outdoor
Special Feature	Cordless
Light Source Type	LED
Material	Plastic
Voltage	24 Volts
Bulb Shape Size	ST18
Bulb Base	E12
Controller Type	Remote Control

Feature	Detail
Batteries	2 Lithium Ion batteries (included)
Item Weight	4.44 pounds

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the product packaging or contact DAYBETTER customer service directly. Keep your purchase receipt for any warranty claims.

Related Documents - CST121B060-ASB0

	Smart Curtain Lights User Instruction Manual User instruction manual for Smart Curtain Lights (Model T021) by SHENZHEN DAYBETTER OPTO-ELECTRONICS CO.,LTD. Includes installation guide, remote control functions, app pairing, and troubleshooting.
	DAYBETTER White LED Strip Lights: Installation, Operation, and Safety Guide A comprehensive guide for DAYBETTER White LED Strip Lights, detailing package contents, step-by-step installation, RF remote control functions, touch control features, pairing instructions, safety tips, and contact information for support.
	DayBetter Christmas Light Background User Manual User manual for DayBetter Christmas Light Background, detailing installation, app control, troubleshooting, and FCC compliance for the CDC001 model.
	DayBetter WiFi Smart Plug User Manual - T015 User manual for the DayBetter T015 WiFi Smart Plug. Learn how to set up, control your appliances remotely via the DayBetter app, integrate with Alexa and Google Home, and find troubleshooting tips.
	DAYBETTER Smart LED Bulb User Manual - Setup, Control & Features Comprehensive user manual for the DAYBETTER Smart LED Bulb. Learn how to download the app, pair your device, control lighting modes, set schedules, and understand FCC compliance.
	DayBetter Bluetooth LED Strip Lights User Manual A user manual for DayBetter Bluetooth LED Strip Lights, covering connection, installation, app control, troubleshooting, and safety precautions. Includes FCC compliance information.