

SOLAR STRING LIGHTS

USER MANUAL



I. WARM TIPS

- Before first use, place the string lights in direct sunlight for a full day to ensure the battery is fully charged, so as to guarantee the subsequent use effect.
- Please turn on the switch to test if all bulbs light up normally before use. If there is any abnormality such as failure to light up, please contact us in time.
- Keep the solar panel away from bulbs or other light sources to ensure the string lights turn on automatically at night.
- Please regularly wipe off snow, dust or debris on the surface of the solar panel to avoid affecting the charging efficiency of the battery and ensure the normal battery life of the product.

II. TIMER FUNCTION INSTRUCTIONS

- Example: When you set the 6-hour timer, the timer will start counting from the moment the lights turn on each time. This is determined by the light sensor that detects when it gets dark.
- You can cancel the timer by using the ON/OFF button on the remote control or the switch on the solar panel.
- When the timer is successfully set, the string lights will flash once to indicate that the setting is successful.



III. PACKAGE LIST



IV. TROUBLESHOOTING

Common Problems	Possible Causes	Solutions
Insufficient brightness of string lights	Power switch not turned on; poor connection between string lights and solar panel	Check and turn on the switch; reconnect the string lights and solar panel to ensure good contact
Short lighting time of string lights	Solar panel is blocked, resulting in insufficient charging	Remove obstacles around the solar panel and move it to a sunny and unobstructed place
Other abnormal problems	Malfunctions not caused by the above reasons	Please contact the customer service team in time for professional assistance

V. PRODUCT SPECIFICATIONS

- Warranty Period: 1 year (effective from the date of purchase)
- Product Material: Metal + Plastic
- Applicable Scenarios: Suitable for indoor and outdoor decoration (such as courtyards, balconies, holiday decorations, etc., which need to comply with the product's preset usage scenarios)

VI. AFTER-SALES SERVICE

Warranty Commitment: This product provides a 1-year limited warranty service, which takes effect from the date of purchase. Within the warranty period, if the product malfunctions due to quality problems or normal use, we will provide you with a replacement or refund service (ensure the product is used in accordance with the requirements of this manual).

Warranty Scope: Only covers malfunctions caused by quality problems of the product itself, excluding damages caused by the following situations:

- A. Malfunctions or damages caused by improper use, self-repair or modification;
- B. Malfunctions or damages caused by accidents such as dropping and collision;
- C. Malfunctions or damages caused by natural disasters such as fire, earthquake, flood and lightning strike;
- D. Malfunctions or damages caused by using in non-preset usage scenarios of the product;
- E. Malfunctions or damages caused by third-party products other than this product.

After-Sales Contact: If you encounter product quality problems or malfunctions during the warranty period, please contact the customer service team and provide the following information for quick handling:

- Your order number;
- A detailed description of the problem;
- Photos or videos of the faulty product (if available).

Thank you for choosing Solar String Lights! We are always here to provide you with high-quality products and services!

I. Product Overview



Solar Powered



Auto On/Off



Remote Control



3 Light Modes



4 Brightness



IP65 Waterproof

II. Solar Panel Status Indicator Guide

Product Introduction

The ST38 String Light Controller is a versatile intelligent controller, suitable for on/off control, mode switching, and battery display of ST38 string lights. It features a built-in rechargeable battery and supports Type-C charging and solar charging, which is convenient and environmentally friendly.

Product Features Overview

Power Control (ON/OFF)

Red Button: Controls ST38 string light on/off

Mode Switching (MODE)

Green Button: Switches light modes

Light Mode Indicator

White indicator light: Displays current working status

Battery Display

Green battery icon: Displays remaining battery

Type-C Charging Interface

Supports Type-C charging or solar charging

Power Control Button
Red button, short press to turn string light on or off

Status Indicator Light
White light indicates current string light working state

Type-C Port
Supports Type-C charging or solar panel charging

Battery Display
Green battery segments show remaining power

Mode Switch Button
Green button, short press to switch light modes

Light Mode Description



Function 1: Constant On
Small bulbs constantly on
Suitable for continuous illumination scenes



Function 2: Flashing
Small bulbs flash
Suitable for atmospheric decorative scenes



Function 3: Breathing
Small bulbs breath-flash
Suitable for romantic atmospheric scenes

Battery Level Display

Full Battery

Medium Battery

Low Battery

Battery Scrolling: Currently Charging

Precautions

- Charge fully before first use
- Do not use in a humid environment for a long time
- Please use a 5V charging device for charging
- When not used for a long time, please charge regularly to protect the battery



Solar Panel Recharging

Button Operation Guide

ON/OFF
Short press once: Turn ST38 string light on or off.
White indicator light constantly on: Light string is activated.
White indicator light off: Light string is deactivated.

MODE
Short press once: Switch light mode.
Mode cycle: Function 1 → Function 2 → Function 3 → Cycle.

III. Installation Guide

1 Two ways to install solar panels

HANGING CONFIGURATION

GROUND-SPIKE CONFIGURATION

TOP LOOP FOR HANGING

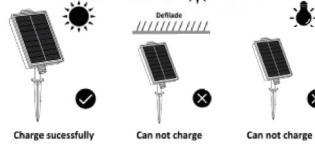
BOTTOM SCREW THREAD CONNECTOR

GROUND SPIKE ATTACHMENT

2 Hang the string lights and secure them with clips or ties.



3 Ensure the solar panel is placed in a location with direct sunlight and no obstructions.



IV. Light Sensor Reminder



The string lights will automatically turn on at dusk and turn off at dawn.



TIPS: Please ensure the solar panel is installed in a location with sufficient sunlight exposure.

V. Remote Control Instructions



ON/OFF

Turn string lights on or off.



Timer Function

6H / 8H timer options. Lights will turn on automatically and remain on for the selected duration daily.



Brightness Adjustment

25% / 50% / 75% / 100%
4 brightness levels to suit your needs.



Light Modes

- Steady On – Constant light.
- Breath – Lights fade in and out slowly.
- Flash – Lights flash quickly.



Speed Adjustment (Flash Mode Only)

Speed+ / Speed-
Adjust the flashing speed.



Important Note:

The string lights are equipped with a light sensor. They will not turn on during the day or in bright environments, even if you try to turn them on manually.



Safety First:

Keep away from fire. Do not immerse in water.



Need Help?

Contact our support team for assistance.



Eco-Friendly:

Solar energy for a greener tomorrow.

Thank you for choosing our solar string lights!



This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:



-- Reorient or relocate the receiving antenna.



-- Increase the separation between the equipment and receiver.



-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.



-- Consult the dealer or an experienced radio/TV technician for help.



The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.