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› T-SUNUS Solar Landscape Spotlights User Manual (Model TS-S4201-1H-30-V2-2P)

## T-SUNUS TS-S4201-1H-30-V2-2P

# T-SUNUS Solar Landscape Spotlights User Manual

MODEL: TS-S4201-1H-30-V2-2P

Brand: T-SUNUS

## Introduction

Thank you for choosing the T-SUNUS Solar Landscape Spotlights. This manual provides essential information for the proper setup, operation, and maintenance of your new solar lights. Designed for outdoor use, these spotlights feature a separated solar panel, two lighting modes, and a durable, waterproof construction to enhance your garden, yard, driveway, or pool area.



Image: T-SUNUS Solar Landscape Spotlights illuminating a garden pathway, showcasing the 9.8ft cable for flexible placement.

## Product Features

- **Separate Solar Panel:** High-efficiency poly-crystalline solar panel (up to 17% conversion rate) with a 9.8ft (3m) cable for optimal sun exposure.

- **Two Lighting Modes:** Select between High and Low brightness settings to suit your needs.
- **Dusk to Dawn Operation:** Integrated light sensor automatically turns the lights ON at dusk/darkness and OFF during the daytime.
- **Dual Installation Options:** Can be installed in-ground using stakes or wall-mounted with screws.
- **Adjustable Design:** Solar panel adjusts 90° and light heads adjust 270° for precise illumination.
- **Durable & Waterproof:** IP65 waterproof rating ensures resistance to rain, snow, and dust. Heat and frost resistant for year-round outdoor use.



Image: IP65 waterproof, heat-resistant, and frost-resistant features with operating temperature range.

## Package Contents

Your T-SUNUS Solar Landscape Spotlights package includes the following items:

- 2 x Solar Panels with Ground Stakes and 9.8ft (3m) Cables

- 2 x LED Spotlights with Ground Stakes and Wall Mount Brackets
- Mounting Screws and Wall Plugs (for wall installation)



Image: Close-up of the solar panel.

## Setup and Installation

The T-SUNUS Solar Landscape Spotlights offer flexible installation options. Choose the method that best suits your outdoor lighting needs.

### 1. Initial Activation & Charging

1. Before first use, ensure the solar panel is placed in direct sunlight for 8-12 hours to fully charge the battery.
2. Locate the ON/OFF switch on the back of the solar panel. Press and hold the switch for 3 seconds to activate the lights.

### 2. Connecting the Components

1. Connect the cable from the LED spotlight to the cable from the solar panel. Ensure the connection is secure and the waterproof cover is tightly screwed on to prevent water ingress.



Image: Adjustable solar panel and light head with cable connection detail.

### 3. Installation Options

You can install the lights either in-ground or wall-mounted:

- **In-Ground Installation:** Attach the ground stake to the bottom of both the solar panel and the spotlight. Firmly push the stakes into the ground in your desired location.
- **Wall-Mounted Installation:** Use the provided screws and wall plugs to fix the solar panel and/or the spotlight to a wall or other flat surface.

# 2 Installation Options

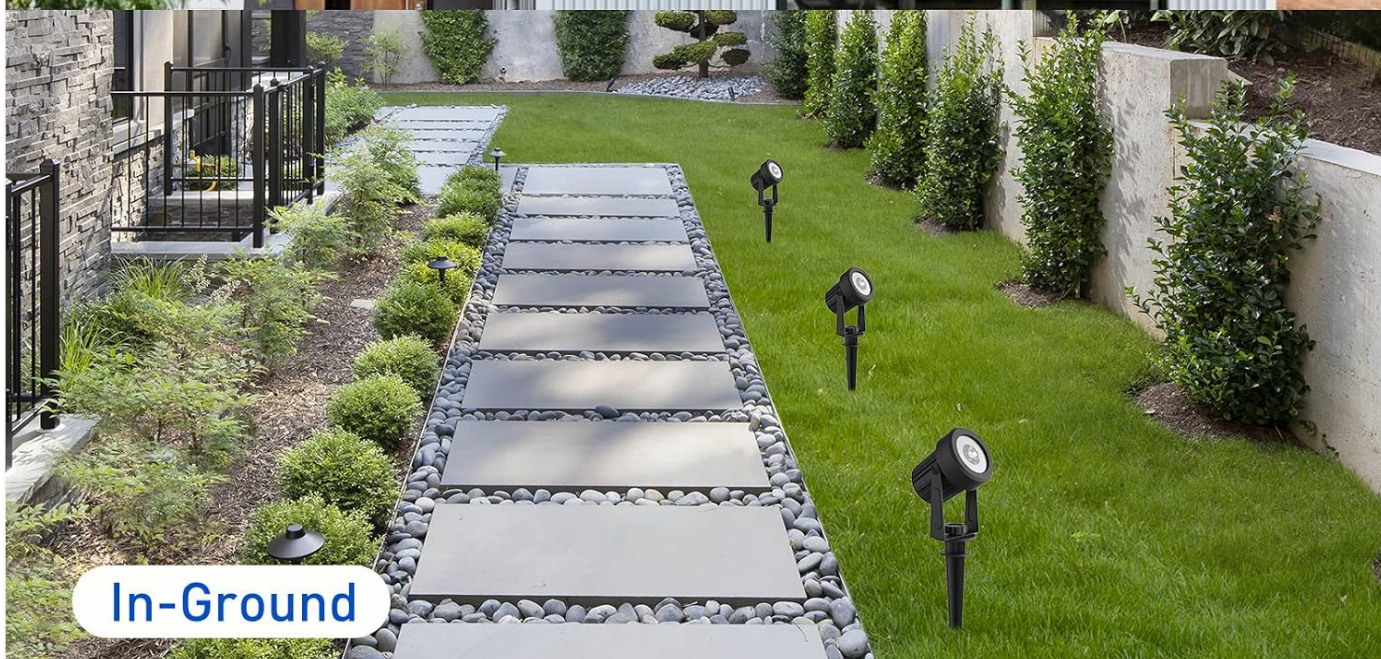


Image: Two installation options: Wall-Mounted and In-Ground.



## Light Up Everything from the Ground Up

Everything is illuminated as you can mount this spotlight on your wall or plant on the ground. It pivots up to 270° up and down for your desired, unobstructed focus.



Image: Detailed steps for ground-inserted and wall-mounted installation.

## 4. Adjusting Angles

Adjust the solar panel 90° to ensure it receives maximum direct sunlight throughout the day. The light head can be adjusted 270° to direct illumination precisely where needed.

## Operating Instructions

### 1. Power On/Off

Press and hold the button on the back of the solar panel for 3 seconds to turn the lights ON or OFF.

### 2. Selecting Light Modes

Once the lights are ON, short press the button to cycle through the two available lighting modes:

- **Mode 1: High Brightness** (approx. 6-8 hours of continuous lighting after full charge)
- **Mode 2: Low Brightness** (approx. 8-12 hours of continuous lighting after full charge)

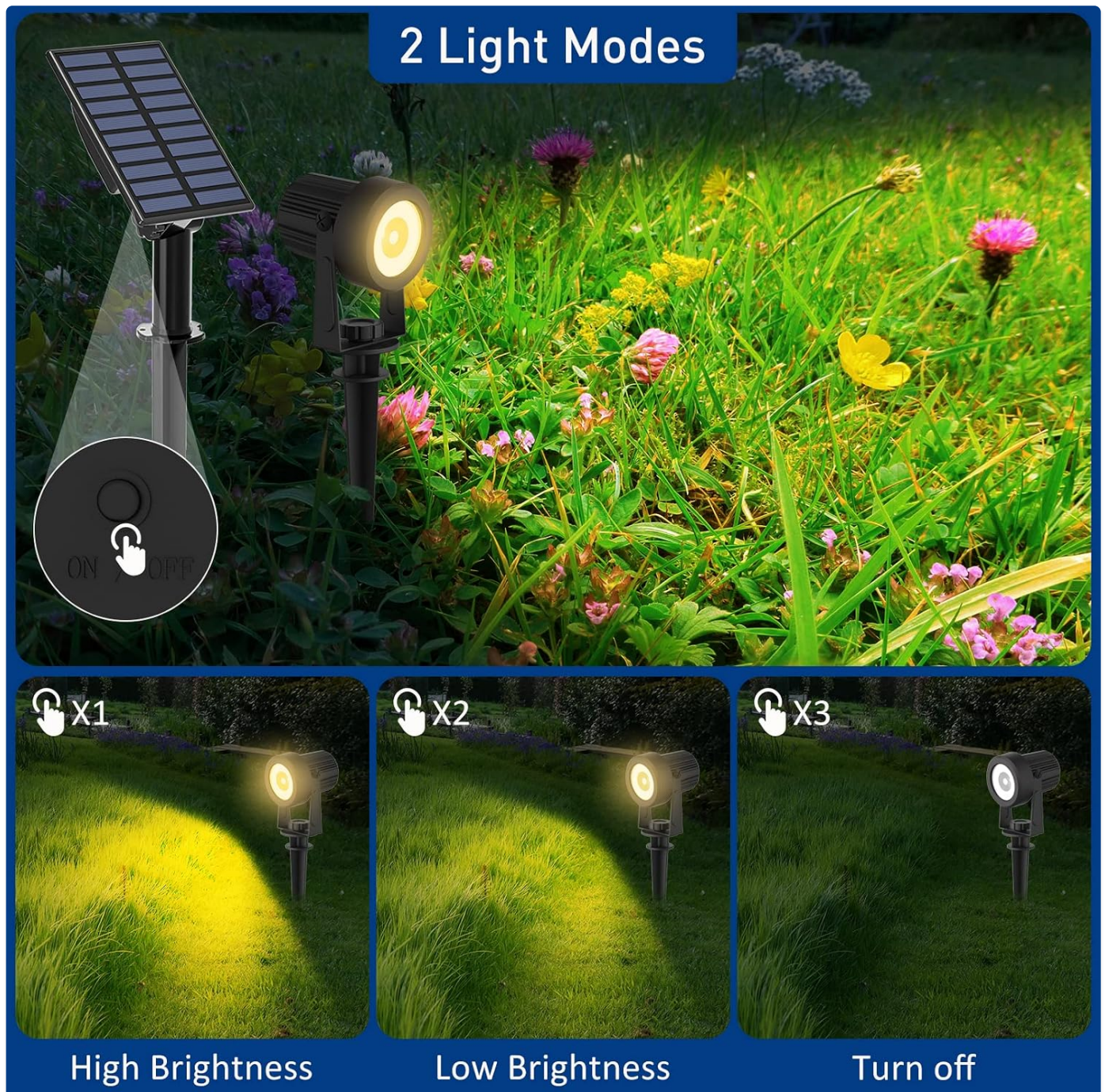


Image: Two light modes (High and Low brightness) and power button.



Image: High Brightness Mode (Mode 1).



Image: Low Brightness Mode (Mode 2).

### 3. Automatic Dusk to Dawn Function

The built-in light sensor ensures that the spotlights automatically turn on when it gets dark and turn off at dawn, conserving energy and providing hassle-free operation.



Image: Charging during daytime and automatic lighting at night.

## Maintenance

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures optimal charging efficiency.
- **Clear Obstructions:** Ensure no trees, buildings, or other objects obstruct direct sunlight from reaching the solar panel.
- **Waterproof Integrity:** Periodically check all connections and covers to ensure they remain tightly sealed, maintaining the IP65 waterproof rating.

## Troubleshooting

- **Light does not turn on at night:**
  - Ensure the ON/OFF switch on the solar panel is in the 'ON' position.

- Verify the solar panel is receiving at least 8-12 hours of direct sunlight daily. Relocate if necessary.
  - Check all cable connections to ensure they are secure.
  - Confirm there are no external light sources (e.g., streetlights) near the solar panel that might prevent the light sensor from activating.
- **Light duration is short:**
    - Ensure the solar panel is clean and free from obstructions.
    - The battery may not be fully charged due to insufficient sunlight. Allow for more charging time, especially during cloudy weather or winter months.
    - Consider switching to Low Brightness mode for extended operation.

## Specifications

| Feature                             | Detail                          |
|-------------------------------------|---------------------------------|
| Brand                               | T-SUNUS                         |
| Model Number                        | TS-S4201-1H-30-V2-2P            |
| Color                               | Yellow (Warm White 3000K)       |
| Material                            | Acrylonitrile Butadiene Styrene |
| Power Source                        | Solar Powered                   |
| Light Source                        | LED                             |
| Number of Light Sources             | 2 (per pack)                    |
| Voltage                             | 3.7 Volts                       |
| Wattage                             | 1 watts                         |
| Brightness                          | 120 Lumen                       |
| Solar Panel Efficiency              | 17%                             |
| Water Resistance Level              | IP65 (Waterproof)               |
| Cable Length (Solar Panel to Light) | 9.8 ft (3 meters)               |
| Control Method                      | Push Button                     |
| Mounting Type                       | Wall Mount, Ground Stake        |

## Warranty and Support

This product comes with a Limited Warranty. For specific warranty details, please refer to the product packaging or contact T-SUNUS customer service.

For any questions, technical assistance, or support needs, please email T-SUNUS customer service with details of your inquiry. We aim to provide feedback within 24 working hours.

## ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

### Name

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### Question

Example: How do I reset this device or fix this error?

### Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question