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Solatec 60 LED Solar String Light Instruction Manual

Contents

Solatec 60 LED Solar String Light

INTRODUCTION

An affordable, environmentally responsible, and energy-efficient outdoor lighting option, the Solatec 60 LED Solar String Light is made to give your area a cozy, joyous feel. These solar-powered string lights are a great option whether you're decorating your patio, balcony, garden, or special occasion. With the use of solar control technology, they don't need an external power source because they charge during the day and light up at night. Users may easily adjust lighting settings and brightness with app-based control.

This solar-powered LED light is incredibly affordable at just $16.99. Made by Solatec and introduced on September 24, 2021, it is renowned for its ease of installation, robustness, and waterproof design. It is a sustainable option for any outdoor setup because of its 1.5-watt low energy consumption and long-lasting LED bulbs. The Solatec 60 LED Solar String Light is a fantastic choice if you're searching for a dependable and reasonably priced lighting solution!

SPECIFICATIONS

Brand	Solatec
Price	$16.99
Light Source Type	LED
Power Source	Solar Powered
Controller Type	Solar Control
Wattage	1.5 watts
Control Method	App
Package Dimensions	7.98 x 5.55 x 4.35 inches
Weight	1.61 Pounds
Date First Available	September 24, 2021
Manufacturer	Solatec
Country of Origin	China

WHAT'S IN THE BOX

- LED Solar String Light
- Manual

FEATURES

- **Long-Lasting Illumination:** When completely charged, the lights can illuminate for eight to ten hours straight.
- **Energy-efficient Solar Power:** Lowers electricity expenses by using a solar panel and a 1.2V 800mAh battery.
- **Globe Bulbs That Are Durable and Shatterproof:** The LED bulbs' crystal bubble form improves light refraction.
- **Eight Lighting Modes:** Combination, In Wave, Sequential, Slow Glow, Chasing, Slow Fade, Twinkle, and Steady On.
- **Automatic Dusk-to-Dawn Sensor:** Lights are automatically turned on at night and off during the day.
- **Weather-Resistant Design:** Rain, snow, and other severe weather conditions can be tolerated thanks to its IP65 waterproof classification.
- **Adaptable Outdoor Décor:** May be used to adorn driveways, porches, patios, gardens, and balconies.
- **Flexible Placement:** A large area can be decorated with a 40-foot length and 60 LED lights.
- **Many Uses:** Perfect for business settings like cafes and bistros, as well as festivals, weddings, and parties.
- **Safe and Low Voltage Operation:** Because it only uses 1.5 watts, it is safe to use around kids and animals.
- **Lightweight and Portable:** With a weight of 1.61 pounds, it is simple to install and transport anywhere.
- **Superior Solar Panel:** Maximum battery charge during the day is guaranteed by effective energy conversion.
- **App-Controlled Functionality:** Enables brightness and light settings to be changed via an app.
- **Simple Installation:** Just place the panel in direct sunlight to avoid the need for an external power source.

- **Cost-effective & Eco-Friendly:** Provides ornamental lighting without using power while lowering carbon emissions.

SETUP GUIDE

- **Unpack the Lights:** Gently take the lights, mounting hardware, and solar panel out of the box.
- **Examine Every Part:** Make sure the wiring, LED lights, and solar panels are all in good shape.
- **Pick a Sunny Spot for Installation:** Choose a location where the solar panel will be exposed to direct sunshine for at least 6 to 8 hours every day.
- **Mount the Solar Panel:** Screw the panel onto a wall or bury it in the ground using the included stake.
- **Position the String Lights:** Arrange them according to your preferred decorating style on poles, patios, fences, and trees.
- **Secure the Lights:** Use clips, zip ties, or hooks to hold the lights in place.
- **Attach the Lights to the Solar Panel:** Insert the connector into the appropriate slot to connect to power.
- **Turn on the Power Switch:** To begin charging during the day, turn on the solar panel's power switch.
- **Choose the Lighting Mode:** Press the mode button on the solar panel or app to select from the eight lighting settings.
- **Test the Lights:** Cover the solar panel or wait until nightfall to see if the lights switch on automatically.
- **Modify Panel Angle:** To optimize sunlight absorption, tilt the solar panel between 30 and 45 degrees.
- **Make Sure There Are No Obstacles:** Keep the solar panel out of any shadowed spots to guarantee the best charging.
- **Clean Up Surplus Wiring:** Secure excess wiring using clips to avoid trip hazards.

- **Allow Initial Charge:** Let the solar panel charge for at least eight hours before first use for optimal performance.
- **Enjoy Your Solar String Lighting!** Relax and take in the cosy, ornamental glow of your expertly placed lights.

CARE & MAINTENANCE

- **Clean the Solar Panel Regularly:** Use a damp cloth to wipe away any dust, grime, or bird droppings.
- **Examine Battery Performance:** If the lights stop functioning well, replace the 800mAh 1.2V battery.
- **Protect During Severe Weather:** Store lights indoors during hurricanes or other severe storms.
- **Secure Loose Wires:** Check for exposed wiring or loose connections that could cause issues.
- **Prevent Water Accumulation:** Ensure that water does not collect around the solar panel for proper operation.
- **Avoid Overcharging:** Turn off the switch when not in use for long periods to prevent battery overuse.
- **Examine for Physical Damage:** Regularly inspect the solar panel, cables, and lightbulbs for scratches or breaks.
- **Keep the Solar Panel Clear:** Remove any plants or objects that might block sunlight.
- **Handle Carefully:** Avoid pulling or stretching wires excessively to prevent breakage.
- **Store Properly When Not in Use:** Coil the lights neatly and keep them in a dry, cool place.
- **Replace Defective Bulbs:** If an LED bulb stops working, consider replacing the faulty section instead of the entire string.
- **Reposition for Seasonal Changes:** Move the solar panel to a better location during winter or cloudy days for improved charging.
- **Secure Mounting Hardware:** Tighten screws or stakes to prevent the solar panel from moving or toppling over.
- **Verify the Auto Sensor Function:** Ensure the dusk-to-dawn sensor is functioning properly.
- **Use in Well-Ventilated Areas:** Keep the solar panel outdoors to prevent overheating.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Lights not turning on	Insufficient solar charging	Place in direct sunlight for 6-8 hours
Dim lighting	Weak battery or low solar charge	Allow full charge before use
App not connecting	Bluetooth/Wi-Fi issue or phone compatibility	Restart app, reconnect, or update firmware
Lights flickering	Loose wiring or low battery	Secure connections and recharge battery
Turns on during the day	Malfunctioning light sensor	Reset unit and check panel placement
Lights staying off	Power button off or faulty battery	Turn on power or replace battery
Water inside unit	Damaged waterproof seal	Dry the unit and reseal if possible
Short runtime	Battery degradation or insufficient charge	Replace battery or increase sun exposure
Lights not responding to app	Bluetooth interference or range issue	Stay within range and reduce interference
Installation issues	Loose mounting or unstable placement	Secure with proper mounting tools

PROS & CONS

Pros:

- Solar-powered for energy efficiency and cost savings
- App-based control for easy operation and customization
- Waterproof and weather-resistant design for outdoor use
- Hassle-free installation with no wiring required
- Durable 60-LED setup for long-lasting performance

Cons:

- Requires direct sunlight for optimal charging
- App connectivity may vary based on phone compatibility
- Not as bright as wired string lights
- Battery performance may degrade over time
- Limited control options without using the app

WARRANTY

The Solatec 60 LED Solar String Light comes with a **1-year limited warranty**, covering defects in materials and workmanship. If any issues arise, customers can contact Solatec customer support with proof of purchase for assistance. Some retailers may offer extended return policies or warranties, so it's recommended to check before purchasing.

FREQUENTLY ASKED QUESTIONS

How is the Solatec 60 LED Solar String Light powered?

The Solatec 60 LED Solar String Light is solar-powered, meaning it absorbs sunlight during the day and automatically illuminates at night.

How many LEDs are included in the Solatec 60 LED Solar String Light?

This model includes 60 energy-efficient LED bulbs, providing bright and long-lasting illumination.

What is the wattage of the Solatec 60 LED Solar String Light?

The Solatec 60 LED Solar String Light operates at 1.5 watts, making it an energy-efficient option for outdoor lighting.

What control method does the Solatec 60 LED Solar String Light use?

This model can be controlled via an app, allowing users to adjust settings conveniently.

What are the package dimensions of the Solatec 60 LED Solar String Light?

The Solatec 60 LED Solar String Light comes in a package measuring 7.98 x 5.55 x 4.35 inches, making it compact and easy to store.

How much does the Solatec 60 LED Solar String Light weigh?

The Solatec 60 LED Solar String Light weighs 1.61 pounds, making it lightweight and easy to install.

When was the Solatec 60 LED Solar String Light first available for purchase?

The Solatec 60 LED Solar String Light became available on September 24, 2021.

Why is my Solatec 60 LED Solar String Light not turning on at night?

Ensure the solar panel is placed in direct sunlight for at least 6-8 hours. Also, check if the app settings are properly configured.

References

- **User Manual**