

dephen
LED SOLAR
STRING LIGHT



Dephen LED Solar String Light Instruction Manual

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Dephen LED Solar String Light



INTRODUCTION

A cost-effective and environmentally responsible lighting option, the Dephen LED Solar String Light is made to add soft, ambient lighting to outdoor areas. This solar-powered string light, which costs only \$14.44, is a great option for patios, gardens, and festive decorations because it uses less energy than conventional wired lights. It is powered by a 2V 100mA solar panel and has a GX6.35 base and a G16 1/2 bulb shape. It runs at 0.2 volts and ensures long-lasting performance without raising electricity bills. Its water-resistant design allows it to be used outdoors in a variety of weather conditions, and its remote-controlled operation adds convenience. This sturdy lamp, which is made by Dephen, was originally offered for sale in December 2016 and has a lifespan of more than 50,000 hours. The Dephen LED Solar String Light is a great option if you want to light up your area in a dependable, fashionable, and affordable manner.

SPECIFICATIONS

Brand	dephen
Price	\$14.44
Power Source	Solar Powered
Controller Type	Button Control
Voltage	0.2 Volts
Bulb Shape Size	G16 1/2
Bulb Base	GX6.35
Control Method	Remote
Water Resistance Level	Water Resistant
Lifespan	More than 50,000 hours
Solar Panel	2V 100mA
Product Dimensions	7.28 x 3.94 x 4.13 inches
Item Weight	14.8 ounces
Manufacturer	dephen

WHAT'S IN THE BOX

- Solar String Light
- Manual

FEATURES

- **Solar-Powered Operation:** This system uses solar energy to charge during the day, doing away with the need for additional expenses or electrical wiring.
- **Automatic Nightfall-to-Dawn Lighting:** Lights automatically switch on at nightfall and off at dawn.
- **Long-Lasting Battery:** Provides illumination throughout the night for 8–10 hours on a single charge.
- **Energy-Efficient LED Bulbs:** 20 LED bulbs that provide bright lighting with low power use.
- **Multiple Lighting Settings:** This button-controlled feature offers both constant and flashing settings.



- **Water-Resistant Design:** This product is perfect for outdoor use because it is made to resist rain, snow, and humid environments.
- **Long Life & Durability:** Made to last more than 50,000 hours, this product minimizes the need for frequent replacements.
- **Moroccan-Style Globe Bulbs (G16):** For parties, half-globe-shaped lights add a beautiful touch.
- **Small and Lightweight:** It is easy to install and move because it weighs only 14.8 ounces.
- **Compact, Efficient Solar Panel:** The 2V 100mA solar panel requires little room and offers effective charging.
- **Remote-Controlled Option:** This feature enables easy adjustments and convenient operation using a remote control.
- **Perfect for Both Indoor and Outdoor Use:** Perfect for festivals, patios, gardens, and parties, both indoors and out.
- **Eco-Friendly:** Solar-powered lighting minimizes carbon emissions and dependence on electricity.
- **No Wiring Needed:** Easy installation that requires no further setup, featuring a stake for convenient placement.
- **Compact Size:** It is perfect for compact settings because of its overall measurements of 7.28 x 3.94 x 4.13 inches.



SETUP GUIDE

- **Unpack and Examine:** Verify that the solar panel, lamps, and mounting stake are all present.
- **Select the Installation Location:** For best charging, use an outside area that receives direct sunshine.
- **Put the Stake Together:** Before installing the solar panel, if it has a separate stake, fasten it.
- **Install the Solar Panel:** Position it at a 45-degree angle to maximize sunlight absorption.
- **Make Sure There Are No Obstacles:** Keep the panel away from trees, shadows, and overhanging roofs.
- **Secure the Solar Panel:** Mount it on a wall or firmly drive the stake into the ground.
- **Unravel the String Lights:** To avoid knots and breakage, carefully untangle the lights.
- **Establish Hanging Layout:** Arrange the string configuration for patios, pergolas, fences, and trees.
- **Lock Down the String Lights:** Avoid employing too much tension when attaching with clips, hooks, or nails.
- **Turn On the Power Button:** Find and turn on the control box's power button.
- **Choose Lighting Mode:** To select between flashing and steady lighting, press the mode button.
- **Check the Solar Charging Status:** Verify the indicator light is on, indicating that the solar panel is getting power.
- **Test at Night:** After letting the solar lights charge for six to eight hours, see if they turn on by themselves.
- **Final Adjustments:** Verify that every bulb is oriented correctly and is evenly spaced.
- **Take Pleasure in the Illumination!** You are now prepared to create a cozy atmosphere with your solar string lights.

CARE & MAINTENANCE

- **Clean the Solar Panel Regularly:** Remove dust and debris to ensure efficient charging.
- **Verify Sunlight Exposure:** Ensure the panel is receiving enough sunlight and is not shaded during the day.
- **Prevent Water Buildup on the Panel:** Wipe it dry if water accumulates to maintain efficiency.
- **Examine the Wiring:** After severe winds, pay particular attention to any frayed or broken wires.
- **Secure the Lights Correctly:** To avoid drooping or dropping, make sure the lights are securely fastened.
- **Store During Severe Weather:** Keep the lights inside if a hurricane or significant snowfall is predicted.
- **Replace Faulty Bulbs Promptly:** Even though LED bulbs last a long time, replace any that stop working.
- **Reset the System if Necessary:** If lights aren't turning on, turn them off for 48 hours to allow them to recharge.
- **Keep the Control Box Dry:** Despite being water-resistant, avoid locations prone to flooding.
- **Reposition the Panel in Winter:** Adjust it for maximum sunlight exposure on shorter days.
- **Avoid Excessive Bending:** Do not twist or stretch the wire excessively to prevent damage.
- **Charge Periodically in Direct Sunlight:** If stored, let them charge in the sun for 8–10 hours before use.
- **Use a Soft Cloth for Cleaning:** Never use abrasive cleaners on the solar panel or bulbs.
- **Keep the Remote Control Dry:** Store it in a dry place to prevent malfunctions.
- **Monitor Battery Performance:** If the lights start dimming too soon, the battery may need to be replaced.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Lights not turning on	Insufficient sunlight exposure.	Place the solar panel in direct sunlight for at least 6–8 hours.
Lights flickering	Low battery charge.	Ensure the solar panel gets enough daylight; replace battery if needed.
Remote control not working	Battery depleted or sensor issue.	Check and replace the remote battery if necessary.
Not bright enough	Dirty solar panel or low charge.	Clean the solar panel and ensure full sunlight exposure.
Only some bulbs light up	Loose connections or defective bulbs.	Inspect the wiring and bulbs; replace faulty ones.
Lights turn off too soon	Insufficient charge during the day.	Relocate the solar panel to a sunnier spot.
Water damage	Heavy rain exposure.	Allow the light to dry and use a protective cover if needed.
Switch button not responding	Internal fault.	Reset the device or contact Dephen for support.
Lights turning on during the day	Sensor malfunction.	Ensure no artificial light is affecting the sensor.
Short battery life	Battery degradation.	If replaceable, install a new battery; otherwise, consider replacing the unit.

PROS & CONS

Pros	Cons
Energy-efficient – Solar-powered, reducing electricity bills.	Low voltage (0.2V) – May not be as bright as wired lights.
Long lifespan – Lasts over 50,000 hours.	Limited control options – Basic button control only.
Weather-resistant – Suitable for outdoor use.	Takes time to charge – Requires sufficient sunlight.
Remote control functionality – Easy operation.	Battery not replaceable – Once it fails, the unit may need replacing.
Compact and lightweight design – Easy to install anywhere.	Not dimmable – Fixed brightness level.

WARRANTY

The Dephen LED Solar String Light comes with a standard **1-year manufacturer's warranty**. This covers manufacturing defects and functional issues under normal use. Damage due to water submersion, improper handling, or modification is not included. Customers should contact Dephen's support team for warranty claims and troubleshooting assistance.

FREQUENTLY ASKED QUESTIONS

Why are my Dephen LED Solar String Lights not turning on?

Ensure the solar panel is placed in direct sunlight for sufficient charging. Also, check if the power button is turned on.

Why do my Dephen LED Solar String Lights turn off quickly?

This may be due to insufficient sunlight exposure. Place the solar panel in a spot with at least 6-8 hours of direct sunlight for a full charge.

Why is my Dephen LED Solar String Light flickering?

Flickering could be caused by a loose connection or a weak battery charge. Ensure all components are properly connected and allow the lights to charge fully.

What should I do if the remote control for my Dephen LED Solar String Light is not working?

Check the remote's battery and ensure there are no obstructions between the remote and the receiver. Replace the battery if needed.

How can I improve the brightness of my Dephen LED Solar String Light?

Ensure the solar panel is clean and positioned in an area with maximum sunlight exposure. Dirty panels or partial shading can reduce brightness.

What is the price of the Dephen LED Solar String Light?

The Dephen LED Solar String Light is priced at \$14.44.

What is the voltage rating of the Dephen LED Solar String Light?

This model operates at a low voltage of 0.2 volts.

What type of control method is used for the Dephen LED Solar String Light?

It features both button control and remote control for convenient operation.

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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