

[Manuals.plus](#) /

› [Brightech](#) /

› Brightech Ambience Pro Solar Powered Outdoor Patio String Lights Instruction Manual

Brightech 2Q-8GPC-HELD

Brightech Ambience Pro Solar Powered Outdoor Patio String Lights Instruction Manual

Model: 2Q-8GPC-HELD

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Brightech Ambience Pro Solar Powered Outdoor Patio String Lights. Please read these instructions carefully before use to ensure proper function and longevity of your product.



Image: Overview of the Brightech Ambience Pro Solar String Lights, showing the string of Edison bulbs and the detached solar panel.

PACKAGE CONTENTS

Verify that all components are present in your package:

- 1 x 27 ft String of Lights with 12 LED Edison Bulbs
- 1 x Detachable Solar Panel
- 1 x Ground Stake for Solar Panel
- 1 x Clip for Solar Panel Mounting
- 2 x AA Batteries (pre-installed in solar panel)

SETUP AND INSTALLATION

Follow these steps for optimal performance and secure installation.

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

2. Solar Panel Placement:

Choose a location for the solar panel that receives a minimum of 6 hours of direct sunlight daily. This is crucial for a full charge and maximum illumination time. The solar panel can be mounted using the included ground stake or clip.

Quick and Easy Installation

Clip, Stake & Screws Included



Image: Demonstrates various installation methods for the solar panel, including an in-ground stake, a durable clip for railings, and mounting with screws.

- **Ground Stake:** Attach the stake to the solar panel unit and firmly insert it into soft ground.
- **Clip Mount:** Use the clip to attach the solar panel to a railing, fence, or other suitable surface.
- **Screw Mount:** For a more permanent fixture, use screws (not included) through the designated holes on the solar panel bracket.

3. String Light Placement:

Hang the string lights in your desired location. The string is 27 feet long with 12 bulbs, spaced approximately 20 inches apart. There is a 6-foot cord extension from the solar panel to the first bulb. Each bulb socket features a hook hole for easy hanging with hooks, zip ties, or guide wires (not included).

Lengthy Strand Perfect for Outdoor Use

💡 12bulbs
2W LED

📏 27ft
String Length

🔌 6ft Cord Extension
Sold Separately

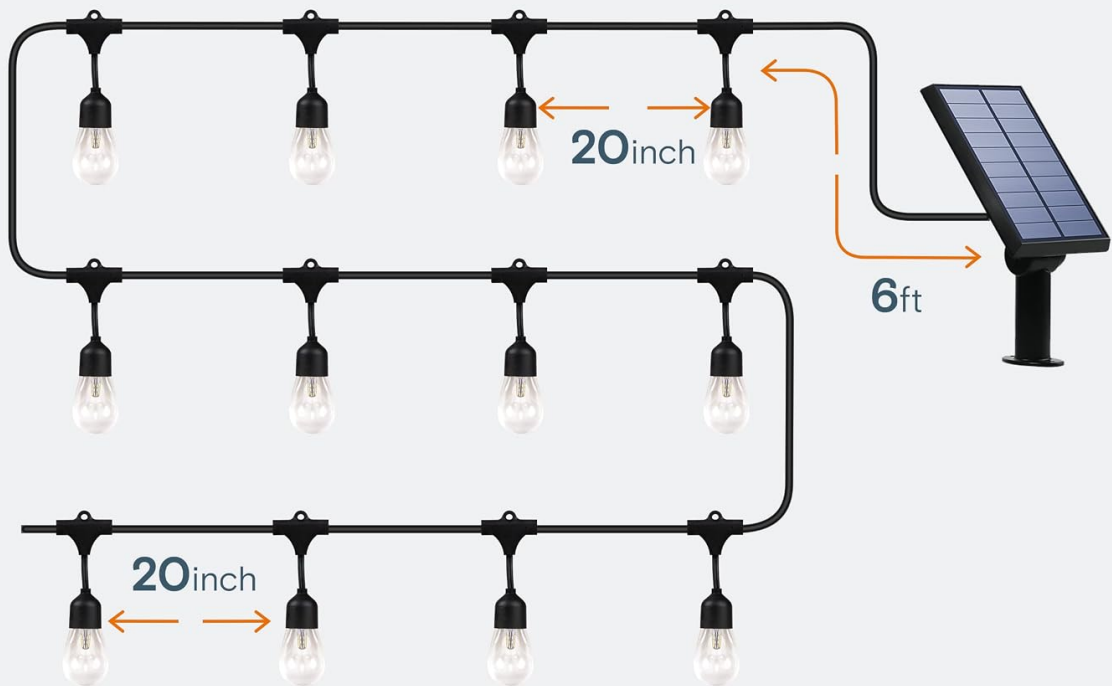


Image: A diagram illustrating the layout of the 27-foot string lights, showing 12 bulbs, 20-inch spacing between bulbs, and a 6-foot cord from the solar panel to the first bulb.

4. **Connect Solar Panel:** Ensure the solar panel is securely connected to the string light cord.
5. **Initial Charge:** Allow the solar panel to charge for at least 6-8 hours in direct sunlight before first use. The lights will automatically turn on at dusk once sufficiently charged.

OPERATING INSTRUCTIONS

The Brightech Ambience Pro Solar String Lights are designed for simple, automatic operation.

- **Power On/Off:** Locate the ON/OFF switch on the back of the solar panel. Ensure it is in the "ON" position for automatic operation.
- **Automatic Operation:** With the switch in the "ON" position, the lights will automatically charge during the day and illuminate at dusk. They will turn off at dawn or when the battery is depleted.



Image: A solar panel positioned in a garden, with string lights illuminating a patio in the background, highlighting the automatic, plug-free operation.

- **Illumination Duration:** On a full charge (6-8 hours of direct sunlight), the lights will typically last 5-6 hours. Performance may vary based on sunlight intensity and duration.
- **Bulb Characteristics:** The LED Edison bulbs emit a soft white light (3000K) and are designed to be low-heat and safe to touch.



Safe to the Touch
Low-Heat LED



Outlet Free
Fully Off-the-Grid



Solar
Planet-Friendly

Image: A person gently handling an illuminated string light bulb, emphasizing the low-heat LED and the fully off-the-grid, solar-powered nature of the product.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your string lights.

- **Cleaning the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient charging.
- **Bulb Replacement:** The LED bulbs are designed for long life (approximately 20,000 hours). If a bulb needs replacement, use only compatible S14 LED bulbs from Brightech to maintain performance and warranty.
- **Battery Replacement:** The solar panel contains 2 AA rechargeable batteries. These batteries have a rated lifespan of approximately 1,000 charge cycles (about 2.5 years). If the lights' duration significantly decreases, consider replacing the batteries with new rechargeable AA batteries of the same type and capacity.
- **Weather Resistance:** These lights feature WeatherTite technology, designed to withstand winds up to 50 MPH, rain, and snow. The bulbs are shatterproof plastic. While durable, avoid submerging the lights or solar panel in water.



 **SHATTERPROOF**
Plastic Bulbs

 **WINDPROOF**
50MPH

 **WATERPROOF**
IP55

 **TEMPERATURE RESISTANCE**
-4°F TO 122°F



Image: Infographic detailing the WeatherTite Technology, highlighting shatterproof plastic bulbs, 50MPH wind resistance, IP55 waterproof rating, and temperature resistance from -4°F to 122°F.

TROUBLESHOOTING

If your string lights are not functioning as expected, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Lights do not turn on at night.	Solar panel not receiving enough direct sunlight. ON/OFF switch is in the "OFF" position. Solar panel is dirty. Batteries are depleted or faulty. Ambient light is too bright (daylight sensor).	Relocate solar panel to an area with 6-8 hours of direct sunlight. Ensure the switch on the solar panel is in the "ON" position. Clean the solar panel surface. Allow a full day's charge. If issue persists, replace batteries. Ensure the solar panel is not near other light sources at night.

Problem	Possible Cause	Solution
Lights turn off too quickly.	Insufficient solar charge during the day. Batteries are old or losing capacity.	Ensure solar panel receives maximum direct sunlight. Replace the rechargeable AA batteries in the solar panel.
Individual bulbs are not lighting up.	Loose bulb connection. Defective bulb.	Gently tighten the bulb into its socket. Replace the bulb with a compatible Brightech S14 LED bulb.

SPECIFICATIONS

Feature	Detail
Model Number	2Q-8GPC-HELD
String Length	27 feet
Number of Bulbs	12
Bulb Type	S14 LED, Shatterproof Plastic
Wattage (per bulb)	2W
Light Color Temperature	3000K (Soft White)
Power Source	Solar Powered
Battery Type	2 x AA Rechargeable (included)
Solar Panel Lifespan	Rated at 1,000 charge cycles
Water Resistance	Waterproof (WeatherTite Technology)
Wind Resistance	Up to 50 MPH
Temperature Resistance	-4°F to 122°F
Item Weight	3.63 Pounds
UPC	853913008348

WARRANTY

Brightech offers an industry-leading **2-year limited warranty** on all solar purchases from Brightech USA. This warranty covers defects, malfunctions, or sudden failures of your string light. Please retain your proof of purchase for warranty claims.

SUPPORT

For further assistance, troubleshooting, or warranty inquiries, please contact Brightech USA customer support. Visit the official Brightech store for more information and contact details:

[Visit the Brightech Store on Amazon](#)



© 2025 Brightech. All rights reserved.