

AMIR REF-59119-919

AMIR Solar LED Strip Lights 3m - 180 LED - IP65 Waterproof

Model: REF-59119-919

INTRODUCTION

Thank you for choosing the AMIR Solar LED Strip Lights. This product is designed to provide efficient and decorative lighting for outdoor spaces, utilizing solar energy for power. It features 180 warm white LEDs across a 3-meter strip, offering 8 distinct lighting modes and an IP65 waterproof rating for durability in various weather conditions. Please read this manual carefully before installation and use to ensure optimal performance and longevity of your product.



Image: AMIR Solar LED Strip Lights, highlighting 3 meters, easy installation, cuttable, and solar charging.

SAFETY INFORMATION

- Read all instructions before use.
- Ensure the solar panel is placed in an area that receives direct sunlight for at least 6-8 hours daily.
- Do not attempt to disassemble or modify the product. This may void the warranty and cause damage.
- Keep the product away from open flames or extreme heat sources.
- While the product is IP65 waterproof, avoid submerging the solar panel or LED strip in water for extended periods.

- Dispose of the product and its components responsibly according to local regulations.

PACKAGE CONTENTS

- 1 x 3-meter LED Strip
- 1 x Solar Panel with integrated battery
- 2 x Ground Stakes
- 1 x Insulated Bag (for accessories)
- 1 x User Manual

PRODUCT FEATURES

- **8 Lighting Modes:** The 3-meter LED strip with 180 LEDs offers 8 distinct flashing modes to suit various decorative needs.
- **Memory Function:** The lighting mode selected will be remembered and activated automatically upon the next power-on.
- **Solar Powered:** Equipped with a built-in rechargeable battery, the lights charge during the day via solar energy and automatically illuminate at night. A full charge (6-8 hours) provides 8-12 hours of illumination.
- **IP65 Waterproof Design:** The IP65 waterproof material ensures suitability for outdoor lighting, allowing the strip and solar panel to function reliably in rain and snow.
- **Easy Installation & Adjustable Length:** The flexible, self-adhesive LED strip can be installed in various locations. The solar panel can be easily staked into the ground. The strip can be cut along designated marks if a shorter length is desired.
- **Warm White Illumination:** Provides warm and soft light, ideal for creating a pleasant visual effect for dining areas, bedrooms, patios, gardens, weddings, and other events.

SETUP INSTRUCTIONS

1. **Assemble the Solar Panel:** Attach the ground stake to the solar panel unit.
2. **Position the Solar Panel:** Insert the assembled solar panel into the ground in a location that receives maximum direct sunlight throughout the day. Ensure the panel is facing the sun.
3. **Unroll the LED Strip:** Carefully unroll the LED strip from its spool.
4. **Prepare for Adhesion:** Clean the surface where you intend to attach the LED strip. Ensure it is dry and free of dust or debris.
5. **Attach the LED Strip:** Peel off the protective backing from the adhesive tape on the back of the LED strip and firmly press the strip onto the desired surface.
6. **Connect to Solar Panel:** Ensure the LED strip is securely connected to the solar panel unit.

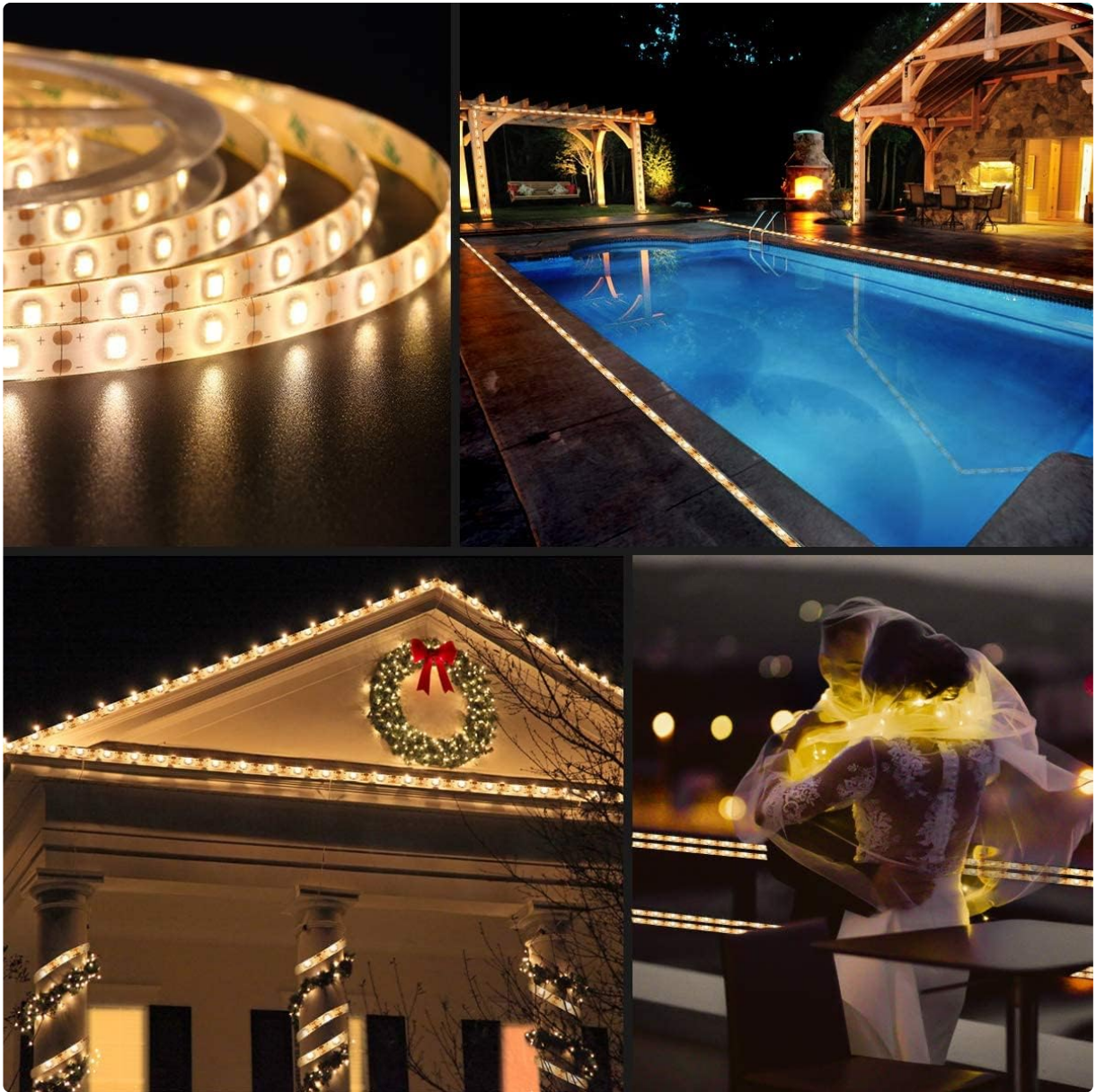


Image: Visual guide for installing the solar panel and attaching the LED strip.



Image: Illustration of the solar panel storing energy during the day and the LED strip illuminating at night.

Adjusting Length

If the LED strip is too long for your application, it can be cut. Locate the designated cutting marks along the strip (usually indicated by a scissor icon or copper pads). Cut only at these marks to avoid damaging the circuit.

Flexible Operation

Come with a adhesive tape on the back, allow to be attached anywhere you want for decoration

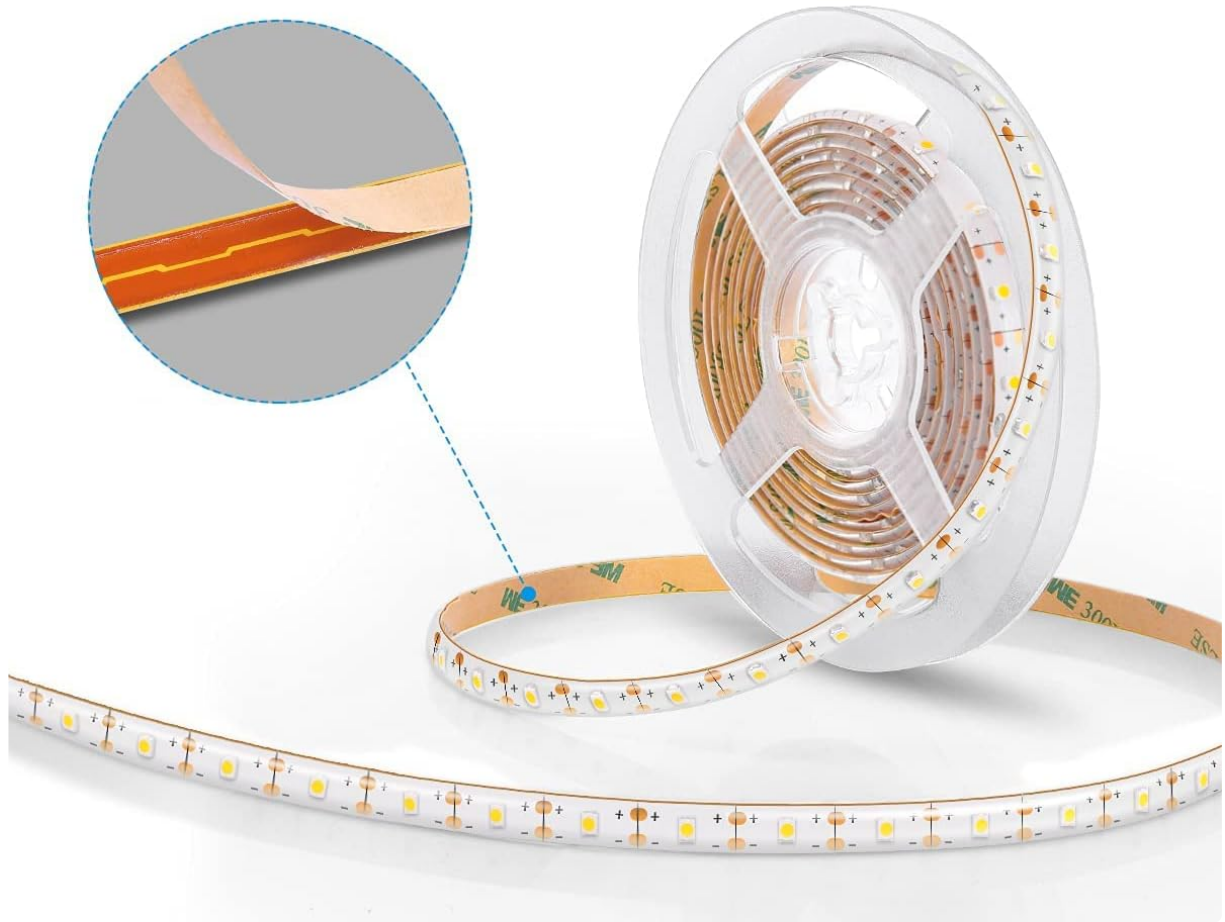


Image: Close-up of the LED strip showing cutting marks for length adjustment.

OPERATING INSTRUCTIONS

Power On/Off

Locate the 'POWER' button on the back of the solar panel unit. Press this button to turn the lights on or off. For automatic night illumination, ensure the power is switched to 'ON'.

Changing Lighting Modes

The solar panel unit features a 'MODE' button. Press this button repeatedly to cycle through the 8 available lighting modes. The product will remember the last selected mode for future use.

Automatic Operation

Once the solar panel is charged and the power is set to 'ON', the lights will automatically turn on at dusk and turn off at dawn. This function relies on the solar panel's light sensor.

Larger Solar Panel

High conversion rate and low power consumption, provides up to 15 hours of lighting on a full charge.



Others

800mAh standard battery



Image: Detail of the solar panel's control buttons: 'MODE' for changing lighting patterns and 'POWER' for on/off.

MAINTENANCE

- **Solar Panel Cleaning:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures efficient charging.
- **LED Strip Cleaning:** If the LED strip becomes dirty, gently wipe it with a damp cloth. Avoid using harsh chemicals or abrasive materials.
- **Connection Check:** Periodically inspect the connection between the LED strip and the solar panel to ensure it is secure and free from corrosion.
- **Winter Storage:** During prolonged periods of non-use, especially in winter with limited sunlight, it is recommended to store the product indoors in a dry place to preserve battery life.

Adjustable Length

Can be cut off along the cutting marks according to need

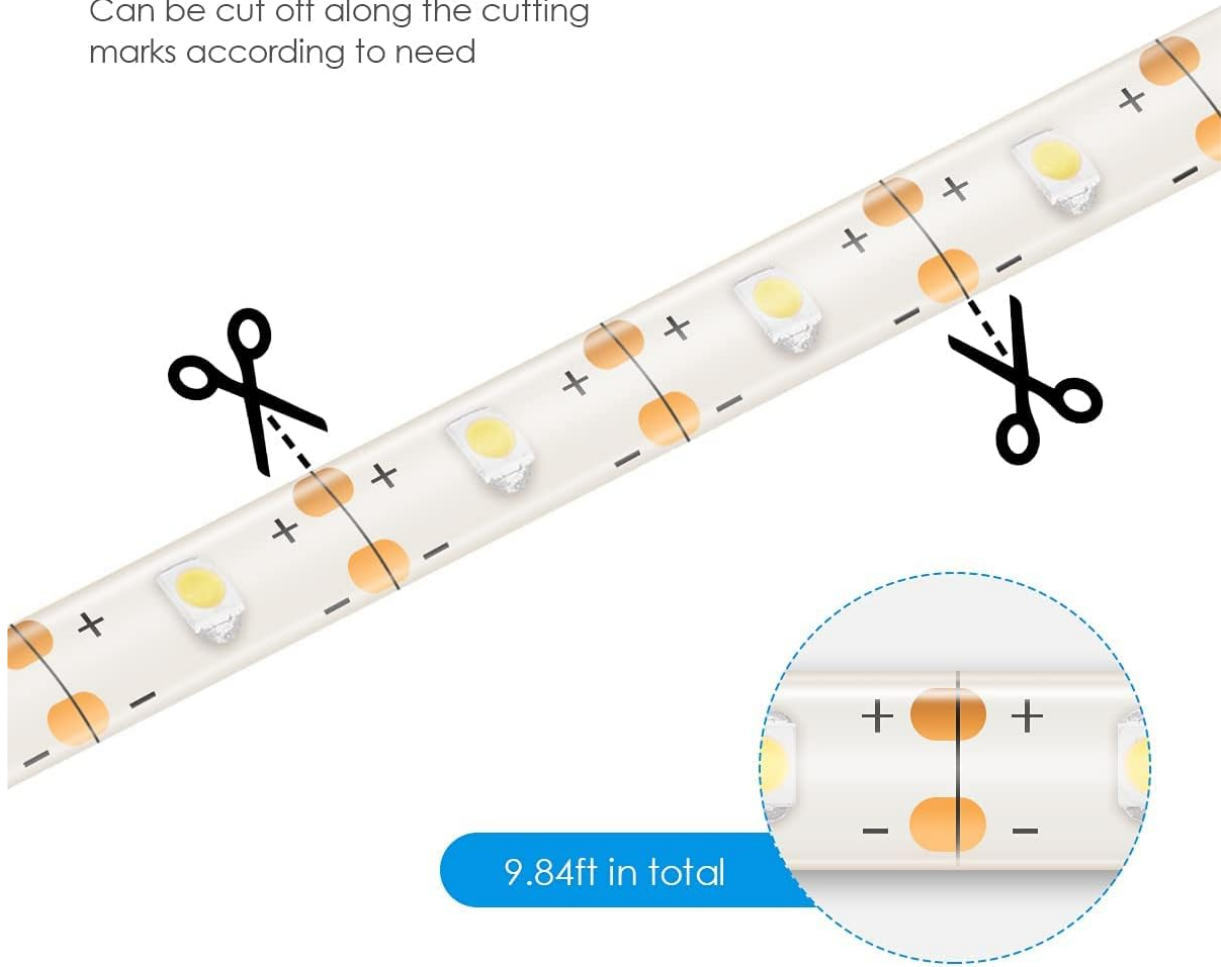


Image: Visual representation of the product's IP65 waterproof rating, along with its resistance to heat, wind, and cold.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lights do not turn on at night.	Insufficient solar charge; Power switch is OFF; Solar panel is dirty or obstructed.	Ensure solar panel receives 6-8 hours of direct sunlight daily. Turn the power switch to 'ON'. Clean the solar panel surface. Relocate the solar panel if necessary.
Lights are dim or only stay on for a short time.	Insufficient solar charge; Battery capacity reduced due to age or cold weather.	Ensure optimal solar panel placement for maximum sunlight. Consider replacing the battery if it's old. Performance may be reduced in colder temperatures.
Lighting modes do not change.	Mode button malfunction; Low battery.	Ensure the battery is sufficiently charged. Press the 'MODE' button firmly. If the issue persists, contact customer support.
LED strip adhesive is not holding.	Surface was not clean or dry; Surface material incompatible; Extreme temperatures.	Clean and dry the surface thoroughly before application. For rough or porous surfaces, use additional mounting clips or stronger adhesive tape. Avoid applying in very cold or hot conditions.

SPECIFICATIONS

Model Number: REF-59119-919

Brand: AMIR

LED Quantity: 180 LEDs

Strip Length: 3 Meters

Light Color: Warm White (2700 Kelvin)

Power Source: Solar Powered

Waterproof Rating: IP65

Voltage: 2 Volts

Control Method: Gesture Control (via buttons on solar panel)

Material: Plastic (Polyvinyl Chloride)

Package Dimensions: 15.1 x 13.9 x 4.7 cm

Item Weight: 230 grams

UPC/GTIN: 650728980506

WARRANTY AND SUPPORT

For any questions, issues, or support needs regarding your AMIR Solar LED Strip Lights, please contact our customer service. Refer to your purchase documentation for specific warranty details and contact information.