

Gefolly SL-6800W

Gefolly SL-6800W Solar Street Light User Manual

1. INTRODUCTION

Thank you for choosing the Gefolly SL-6800W Solar Street Light. This manual provides detailed instructions for the proper installation, operation, and maintenance of your solar street light. Please read this manual thoroughly before installation and retain it for future reference to ensure optimal performance and longevity of the product.

2. SAFETY INFORMATION

- Ensure all components are securely fastened during installation to prevent accidental falls.
- Do not attempt to disassemble or modify the product. This may void the warranty and pose safety risks.
- Avoid direct eye exposure to the LED light source when illuminated, as it can be extremely bright.
- Keep the solar panel clean to ensure efficient charging.
- Dispose of batteries according to local regulations. The product contains Lithium Polymer batteries.
- Installation should be performed by individuals familiar with electrical safety practices, especially when working at heights.

3. PACKAGE CONTENTS

Please check the package to ensure all items are present and in good condition:

- Gefolly SL-6800W Solar Street Light unit
- Remote Control
- Mounting accessories (screws, nuts, washers)
- User Manual (this document)

4. PRODUCT OVERVIEW

The Gefolly SL-6800W is an integrated solar street light designed for outdoor illumination. It features a high-efficiency solar panel, a powerful LED array, and a motion sensor for intelligent lighting control. The included remote control allows for easy adjustment of lighting modes and brightness.



Image 1: Gefolly SL-6800W Solar Street Light with its integrated solar panel, LED array, and remote control. The image also shows the light mounted on a pole, with a motion sensor icon and a person silhouette indicating its motion detection capability.

Key Components:

- **Solar Panel:** Located on top of the unit, responsible for converting sunlight into electrical energy.
- **LED Array:** High-brightness LEDs providing illumination.
- **Motion Sensor:** Detects movement to activate full brightness when needed.
- **Remote Control:** For adjusting settings such as ON/OFF, brightness, and timing modes.
- **Mounting Arm:** Designed for secure attachment to a pole or wall.

5. SETUP AND INSTALLATION

5.1 Site Selection

Choose an installation location that receives direct sunlight for at least 6-8 hours daily. Avoid areas shaded by buildings, trees, or other obstructions, as this will significantly impact charging efficiency and light performance.

5.2 Mounting Instructions

1. **Prepare the Mounting Surface:** Ensure the pole or wall where the light will be mounted is sturdy enough to support the weight of the fixture (approximately 5.65 kg).
2. **Attach the Mounting Arm:** Secure the mounting arm to the desired pole or wall using the provided screws and brackets. Ensure it is level and firmly attached.
3. **Mount the Light Fixture:** Carefully attach the Gefolly SL-6800W light unit to the mounting arm. Tighten all bolts and screws to prevent movement or instability.
4. **Adjust Angle (Optional):** If applicable, adjust the angle of the light fixture to optimize illumination coverage for your specific area.

5.3 Initial Activation

After installation, ensure the light is exposed to direct sunlight for a full day (6-8 hours) to allow the internal batteries to charge sufficiently before first use. The light typically has an ON/OFF switch or button on the unit itself; ensure it is in the 'ON' position for automatic operation.

6. OPERATING INSTRUCTIONS

The Gefolly SL-6800W Solar Street Light operates automatically from dusk to dawn. It also features a motion sensor and remote control for customized settings.

6.1 Automatic Dusk-to-Dawn Operation

Once fully charged and the main power switch is ON, the light will automatically turn on at dusk and turn off at dawn. The integrated light sensor detects ambient light levels.

6.2 Remote Control Functions

Use the provided remote control to manage the light's settings:

- **ON/OFF:** Manually turn the light on or off.
- **'M' (Mode):** Cycles through different lighting modes (e.g., constant light, motion sensor mode). Refer to the remote's specific markings for detailed mode descriptions.
- **'+' / '-':** Adjusts brightness levels.
- **'AUTO':** Activates the intelligent motion sensor mode. The light will typically stay at a low brightness and switch to full

brightness upon detecting motion.

- **'3H', '5H', '8H':** Sets the duration for which the light remains on at a constant brightness after activation, overriding the dusk-to-dawn sensor for a set period.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your solar street light.

- **Clean Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption.
- **Check Connections:** Annually inspect all mounting bolts and screws to ensure they remain tight and secure.
- **Battery Care:** The Lithium Polymer batteries are integrated and generally maintenance-free. Ensure the light receives adequate sunlight for charging, especially during winter months or periods of low sunlight.
- **Environmental Considerations:** While designed for outdoor use, extreme weather conditions (e.g., heavy snow accumulation, prolonged sub-zero temperatures) may temporarily affect performance.

8. TROUBLESHOOTING

If you encounter issues with your Gefolly SL-6800W Solar Street Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient charging; main switch OFF; faulty light sensor.	Ensure solar panel is clean and receives direct sunlight. Check if the main power switch is ON. Cover the solar panel to test if the light turns on (in a dark environment).
Light is dim or does not last long.	Insufficient charging; degraded battery; dirty solar panel.	Ensure optimal sunlight exposure. Clean the solar panel. Allow several sunny days for full charge.
Motion sensor not working.	Sensor obstructed; incorrect mode selected; sensor malfunction.	Ensure the sensor lens is clean and unobstructed. Use the remote control to select 'AUTO' mode.
Remote control not responding.	Battery depleted; obstruction; out of range.	Replace remote control battery. Ensure no obstructions between remote and light. Operate within effective range.

9. SPECIFICATIONS

Feature	Detail
Brand	Gefolly
Model Number	SL-6800W
Product Dimensions	69.5 x 37.5 x 12.5 cm

Feature	Detail
Item Weight	5.65 Kilograms
Batteries	5 Lithium Polymer batteries (included)
Color	Black
Manufacturer	Gefolly

10. WARRANTY AND SUPPORT

Gefolly products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation provided with your purchase or contact Gefolly customer support. If you require assistance with installation, troubleshooting, or have any questions regarding your SL-6800W Solar Street Light, please contact the retailer or manufacturer directly.

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

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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