Gefolly SL-18000W

Gefolly SL-18000W Solar Street Light Instruction Manual

1. Product Overview

The Gefolly SL-18000W Solar Street Light is designed for outdoor illumination, suitable for commercial and residential applications such as parking lots, yards, roads, and basketball courts. This unit features high-efficiency solar charging, a large-capacity battery, and intelligent control options for reliable, energy-efficient lighting.



Image 1.1: Gefolly SL-18000W Solar Street Light. This image shows the overall design of the solar street light, featuring the main light unit and the integrated solar panels.

- **Solar Powered:** Utilizes high-conversion monocrystalline silicon solar panels for efficient charging.
- **High Brightness:** Equipped with 92 ultra-bright 5054 type LED beads, providing significant illumination.
- **Large Battery Capacity:** Features a 60000mAh lithium battery for extended operation.
- **Durable Design:** IP67 waterproof rating ensures functionality in various weather conditions, including rain, lightning, frost, and heat.

- **Intelligent Control:** Includes a remote control for adjusting brightness and setting operational modes.

2. Setup and Installation

The Gefolly SL-18000W Solar Street Light offers flexible installation options, including wall mount and pole mount. No wiring is required for installation.

2.1 Package Contents



Image 2.1: Package Contents. This image displays the light unit, solar panels, mounting brackets, remote control, and various screws and tools included for installation.

Before beginning installation, ensure all components are present:

- Solar Street Light Unit
- Solar Panels (integrated or separate, depending on model)
- Mounting Bracket(s)
- Remote Control
- Installation Hardware (screws, anchors, wrench)

2.2 Pre-Installation Tips

1. **Initial Test:** Before permanent installation, cover the solar panel to check if the light functions normally.
2. **Initial Charge:** For optimal performance, ensure the solar panel is charged under sufficient sunlight for 10-12 hours before first use.
3. **Placement:** Install the light in a location where direct sunlight can reach the solar panel without obstruction from shade.
4. **Sensor Interference:** Protect the solar panel from other artificial light sources at night to prevent interference with the dusk-to-dawn sensor.

2.3 Mounting Options

The recommended installation height is between 10 to 20 feet. For pole mounting, use a pole with a diameter of 1.77 to 3.54 inches.

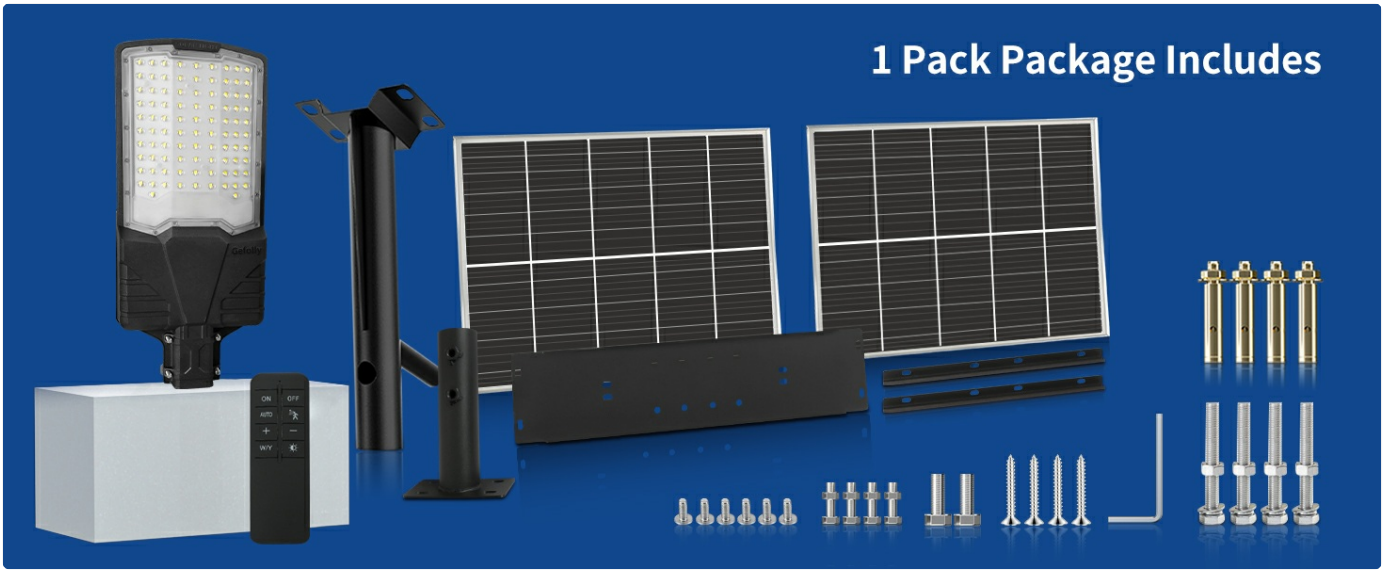


Image 2.2: Wall Mount Installation. This image illustrates the process of mounting the solar street light directly onto a wall using the provided hardware.

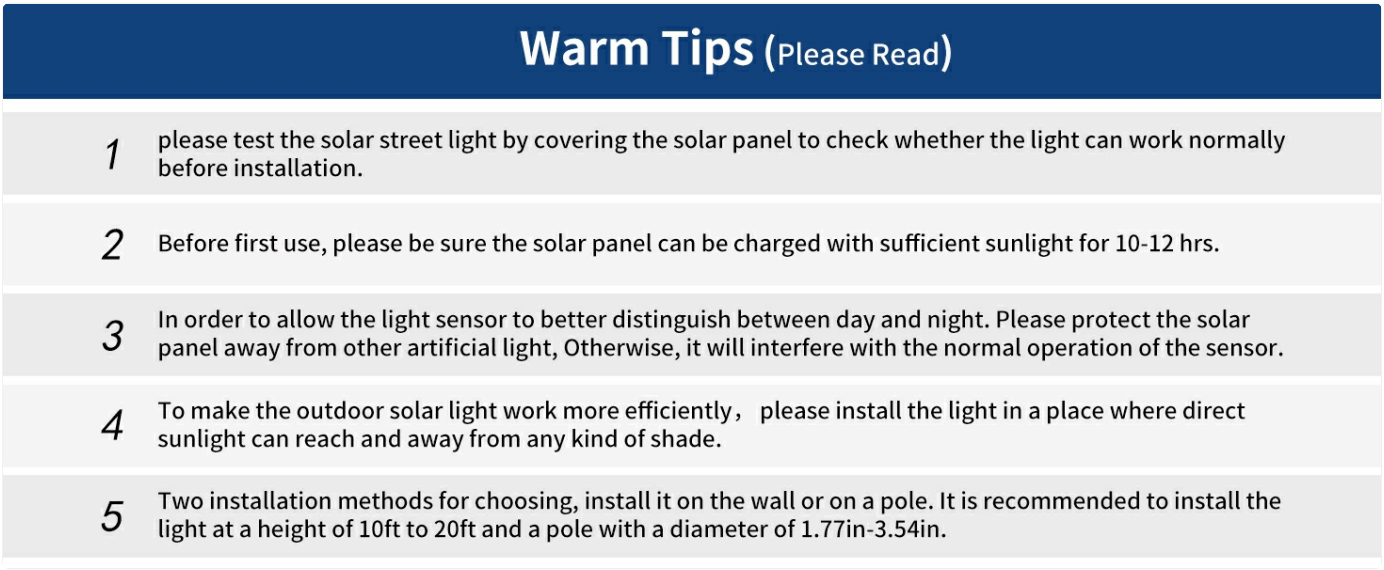


Image 2.3: Pole Mount Installation. This image demonstrates how to attach the solar street light to a pole, showing the necessary brackets and fasteners.

2.4 Installation Video Guide

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Video 2.1: Gefolly Solar Street Lights Outdoor Intro. This video provides a visual guide to the assembly and installation process for the solar street light, demonstrating both wall and pole mounting methods.

3. Operating Instructions

The Gefolly SL-18000W Solar Street Light operates automatically from dusk to dawn and can be controlled via the included remote.

3.1 Automatic Operation



Image 3.1: Dusk to Dawn Functionality. This image illustrates how the solar street light charges during the day and automatically illuminates at dusk, providing continuous lighting.

The light is designed to charge its internal battery during daylight hours and automatically turn on at dusk. It will remain lit for up to 30 hours when fully charged.

3.2 Remote Control Functions

The remote control allows for manual operation and adjustment of light settings. Two AAA batteries (not included) are required for the remote. The remote control distance range is within 35 feet.



Image 3.2: Remote Control Overview. This image shows the remote control and its various buttons for operating the solar street light.

- **ON:** Turns the lights ON.
- **OFF:** Turns the lights OFF.
- **AUTO:** Activates the Always Bright Lighting Mode, where the light automatically turns on at dusk and stays on.
- **+:** Increases brightness by 10% with each press.
- **-:** Reduces brightness by 10% with each press.
- **50% Brightness:** Sets the light to 50% brightness.
- **Timing Set Mode (3H/5H/8H):** Sets the light to turn off after 3, 5, or 8 hours of operation.



Image 3.3: Adjustable Brightness. This image demonstrates the different brightness levels (25%, 50%, 75%, 100%) that can be set using the remote control.

4. Maintenance

The Gefolly SL-18000W Solar Street Light is designed for durability and minimal maintenance, featuring an IP67 waterproof rating and resistance to various weather conditions.

4.1 Cleaning

- Regularly clean the surface of the solar panels to ensure maximum sunlight absorption. Dust, dirt, or debris can reduce charging efficiency.
- Use a soft, damp cloth to wipe the solar panels and the light fixture. Avoid abrasive cleaners or harsh chemicals.

4.2 Weather Resistance



Image 4.1: All-Weather Durability. This image showcases the light's resistance to rain (IP67 Waterproof), lightning, frost, and heat, indicating its suitability for diverse outdoor environments.

The light is built to withstand:

- **Rain:** IP67 waterproof rating.
- **Lightning:** Designed to be lightning-resistant.

- **Frost:** Functions effectively in cold, frosty conditions.
- **Heat:** Maintains performance in high-temperature environments.

5. Troubleshooting

If you encounter issues with your Gefolly SL-18000W Solar Street Light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on at dusk.	Insufficient charging during the day; solar panel obstructed; light sensor interference.	Ensure solar panel receives 10-12 hours of direct sunlight. Clear any obstructions. Relocate the light away from other artificial light sources.
Light duration is shorter than expected.	Insufficient charging; battery degradation (after long-term use).	Verify solar panel placement for maximum sun exposure. Ensure initial 10-12 hour charge. If battery is old, consider replacement (contact support).
Remote control not working.	Batteries are dead or incorrectly inserted; remote out of range.	Replace remote control batteries (2x AAA). Ensure remote is within 35 feet of the light.
Light flickers or is dim.	Low battery charge; dirty solar panel.	Allow the light to charge fully for several days. Clean the solar panel surface.

5.1 Product in Action Video

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Video 5.1: Buyer Feedback Video. This short video demonstrates the Gefolly solar street light illuminating an outdoor area at night, showcasing its brightness and coverage.

6. Specifications

Feature	Detail
Brand	Gefolly
Model Number	SL-18000W
Color	Black
Material	Aluminum, Plastic
Power Source	Solar Powered
Light Source	LED (92 pcs 5054 type LED beads)
Light Color	Cool White
Color Temperature	6500 Kelvin
Brightness	9200 Lumens (Light Output Maximum)

Feature	Detail
Battery Capacity	60000mAh Lithium Battery
Water Resistance Level	IP67 Waterproof
Control Method	Remote Control
Item Dimensions (L x W x H)	21"L x 9"W x 3"H
Item Weight	10 Kilograms
Installation Type	Wall Mount, Pole Mount
Recommended Installation Height	10-20 feet
Lighting Area Range	Up to 4800 sq. ft.

7. Warranty Information

Gefolly provides a **3-year product maintenance policy** for the SL-18000W Solar Street Light. This warranty covers manufacturing defects and ensures product functionality under normal use conditions.

Additionally, a **120-day money-back guarantee** is offered for customer satisfaction.

8. Customer Support

For any questions, concerns, or assistance regarding your Gefolly SL-18000W Solar Street Light, please contact our dedicated customer service team. We are committed to providing a satisfying purchase experience.

Please refer to your purchase documentation or the official Gefolly website for the most current contact information.

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