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> Gebosun 2-Pack 300W LED Solar Flood Light Instruction Manual

Gebosun BS-1T2

Gebosun 2-Pack 300W LED Solar Flood Light Instruction Manual

Model: BS-1T2

Brand: Gebosun

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Gebosun 2-Pack 300W LED Solar Flood Lights. Please read this manual thoroughly before installation and retain it for future reference. These solar flood lights are designed for outdoor use, providing high brightness and efficient lighting through solar power.

2. PRODUCT FEATURES

- **High Brightness & Dusk to Dawn:** Features 300W power, 24,000 Lumen output, and a 20,000mAh high-capacity lithium battery for extended operation from dusk to dawn. An integrated light sensor automatically turns the light ON at dusk and OFF at dawn.
- **Quality & Fast Charging:** Equipped with polycrystalline silicon solar panels for high conversion rates and rapid charging. Utilizes 176 super bright 3030 Epistar lamp beads for steady, bright, and uniform illumination. The high-quality die-cast aluminum lamp body ensures durability and stability.
- **All-weather & Large Area Lighting:** IP67 waterproof rating ensures excellent performance in various weather conditions. Provides a 120-degree illuminated area, suitable for diverse outdoor lighting needs.
- **Flexible Mounting Methods:** Supports both wall-mounted and lamp pole-mounted installations. Includes two 16.5ft cables for flexible and convenient placement. Remote control allows setting dusk to dawn mode and timed operation (3.5 and 8-hour modes).

3. PACKAGE CONTENTS

Please verify that all components are present and undamaged upon opening the package:

- Solar Flood Light (2 units)
- Solar Panel (1 unit)

- Remote Control (1 unit)
- Mounting Screws (4 sets)
- Expansion Bolts (4 sets)
- Hex Wrenches (2 units)
- Small Screws (3 units)
- U-shaped Brackets (2 units)
- 16.5ft Cables (2 units, pre-attached or separate depending on model revision)

Size And Package

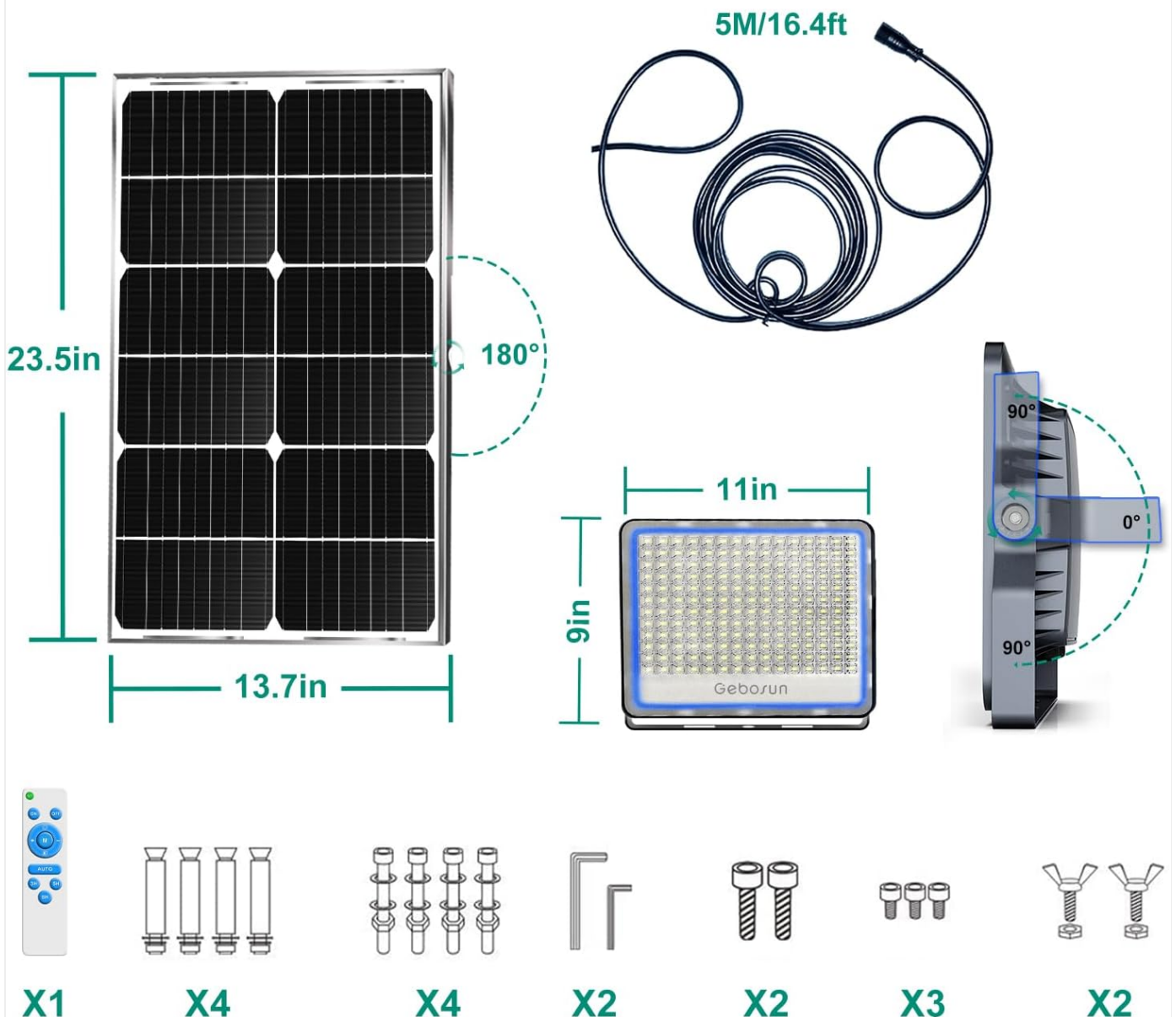


Image: Overview of the package contents, including the solar panel, two flood lights, remote, and mounting accessories.

4. SAFETY INFORMATION

Observe the following safety precautions to prevent injury or damage to the product:

- Do not disassemble or modify the product. Unauthorized modifications can lead to malfunction and void the warranty.

- Ensure the solar panel is installed in a location that receives direct sunlight for optimal charging.
- Keep the solar panel and light fixture away from flammable materials.
- Handle the solar panel and light fixture with care to avoid damage.
- Do not look directly into the LED lights when they are on, as this may cause eye strain or damage.
- Ensure all connections are secure and waterproof, especially the cable connections between the solar panel and the light.

5. INSTALLATION

The Gebosun Solar Flood Light can be installed using either wall-mounting or pole-mounting methods. Choose the method that best suits your application.

5.1. Site Selection

Select an installation location for the solar panel that receives maximum direct sunlight throughout the day, free from obstructions like trees or buildings. The light fixture should be positioned to illuminate the desired area effectively.



Image: Illustration of solar panel placement for optimal sunlight absorption.

5.2. Wall Mounting

1. **Mark Drilling Points:** Use the mounting bracket of the solar panel and the light fixture as templates to mark the drilling points on the wall.
2. **Drill Holes:** Drill holes at the marked points using an appropriate drill bit. Insert the expansion bolts into the drilled holes.
3. **Attach Brackets:** Secure the solar panel mounting bracket and the light fixture bracket to the wall using the provided screws.
4. **Mount Components:** Attach the solar panel to its bracket and the flood light to its bracket. Adjust the angle of both the solar panel and the light fixture for optimal performance and illumination.

5. **Connect Cables:** Connect the cable from the solar panel to the input port on the flood light. Ensure the connection is tight and secure.



Image: Example of wall mounting for the solar flood light and panel.

Gebosun®

DUSK TO DAWN

LED SOLAR STREET LIGHT



Auto
ON/OFF



Solar
Powered



IP67
Waterproof



No
Electricity Bill



Energy
Saving

Image: Detailed diagram of wall mounting steps and components.

5.3. Pole Mounting

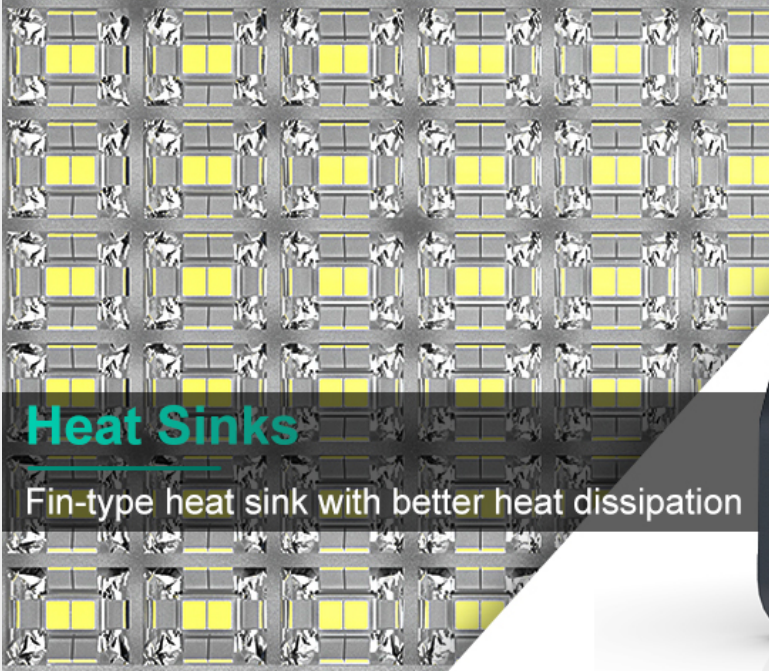
1. **Attach U-shaped Brackets:** Use the provided U-shaped brackets to secure the solar panel and light fixture to a suitable pole. Ensure the pole is sturdy enough to support the weight of the units.
2. **Secure Components:** Tighten the nuts on the U-shaped brackets to firmly attach the solar panel and light fixture to the pole.
3. **Adjust Angle:** Adjust the angle of both the solar panel and the light fixture for optimal sunlight exposure and light coverage.
4. **Connect Cables:** Connect the cable from the solar panel to the input port on the flood light. Ensure the connection is tight and secure.



Image: Example of pole mounting for the solar flood light and panel.

Super Bright

3030 Epistar lamp beads give steady light



Heat Sinks

Fin-type heat sink with better heat dissipation



Image: Detailed diagram of pole mounting steps and components.

6. OPERATION

The Gebosun Solar Flood Light operates automatically and can be controlled using the included remote.

6.1. Automatic Operation (Dusk to Dawn)

The light features a built-in light sensor. Once installed and connected, the light will automatically charge during the day and turn on at dusk, providing illumination throughout the night. It will turn off automatically at dawn.

20000mAh Rechargeable Battery

Auto Work



Image: Automatic dusk-to-dawn operation of the solar flood light.

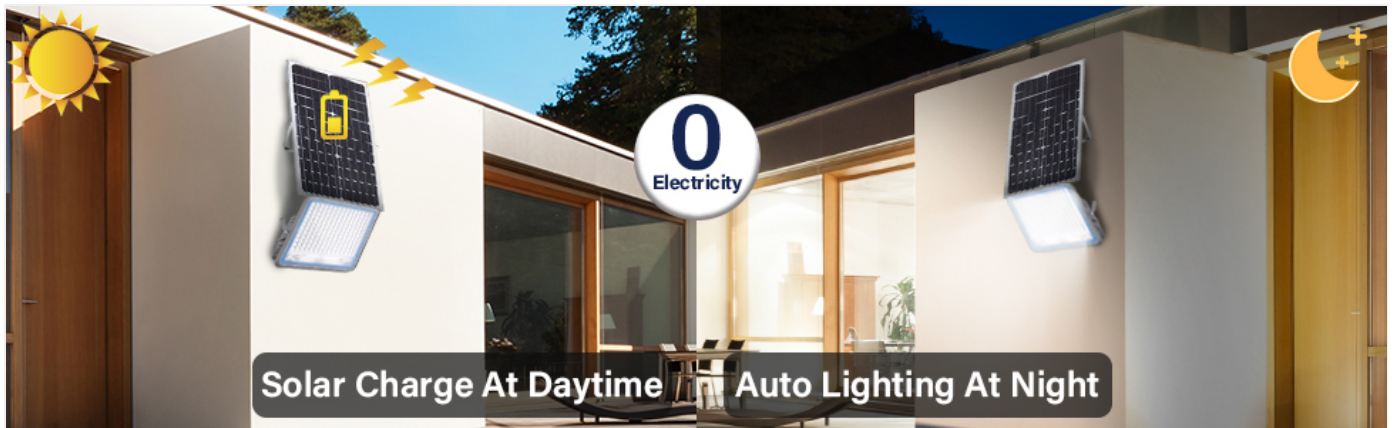


Image: Visual representation of the solar charge and auto lighting cycle.

6.2. Remote Control Functions

The remote control allows for manual override and setting of specific lighting modes:



Image: The solar flood light system including the remote control.

- **ON/OFF:** Manually turn the light on or off.
- **AUTO:** Activates the dusk-to-dawn automatic operation mode.
- **3.5H / 8H:** Sets the light to stay on for a fixed duration of 3.5 hours or 8 hours after activation, regardless of ambient light conditions.
- **Brightness Adjustment:** Buttons to increase or decrease the light intensity.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your solar flood lights:

- **Clean Solar Panel:** Periodically wipe the surface of the solar panel with a soft, damp cloth to remove dust, dirt,

leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.

- **Inspect Connections:** Annually check all cable connections to ensure they remain tight and free from corrosion.
- **Clear Obstructions:** Ensure no new obstructions (e.g., growing tree branches) are blocking sunlight from reaching the solar panel.
- **Clean Light Fixture:** Wipe the light fixture's lens and body to remove any accumulated dirt that might reduce light output.

8. TROUBLESHOOTING

If you encounter issues with your Gebosun Solar Flood Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	<ul style="list-style-type: none">◦ Insufficient solar panel charging.◦ Solar panel is dirty or obstructed.◦ Cable connection is loose or damaged.◦ Remote control battery is dead.◦ Light sensor is covered or faulty.	<ul style="list-style-type: none">◦ Ensure solar panel receives 6-8 hours of direct sunlight daily.◦ Clean the solar panel surface. Remove any obstructions.◦ Check and secure all cable connections.◦ Replace remote control battery.◦ Ensure the light sensor is clean and exposed to ambient light.
Light duration is shorter than expected.	<ul style="list-style-type: none">◦ Insufficient charging due to cloudy weather or poor panel angle.◦ Battery capacity degradation over time.	<ul style="list-style-type: none">◦ Adjust solar panel angle for optimal sun exposure.◦ Consider replacing the battery if it's old and performance has significantly decreased.
Remote control not working.	<ul style="list-style-type: none">◦ Battery is dead or incorrectly inserted.◦ Obstruction between remote and light.	<ul style="list-style-type: none">◦ Replace remote battery, ensuring correct polarity.◦ Ensure a clear line of sight between the remote and the light's receiver.

If the problem persists after trying these solutions, please contact Gebosun customer support.

9. SPECIFICATIONS

Attribute	Value
Brand	Gebosun
Model Name	BS-1T2
Wattage	300 Watts
Brightness	24000 Lumen
Color Temperature	6000 Kelvin (White Light)

Attribute	Value
Power Source	Solar Powered
Battery Capacity	20,000mAh (Lithium Metal)
Water Resistance Level	IP67 Waterproof
Material	Aluminum
Control Method	Remote Control
Installation Type	Wall Mount / Pole Mount
Product Dimensions	9"L x 7"W x 2"H
Item Weight	14.23 Pounds
Recommended Uses	Barn, Warehouse, Backyard, Garden
UPC	750728712081



Image: Detailed technical specifications table for the product.

10. WARRANTY AND SUPPORT

Gebosun provides a **2-Year Warranty** for this product. If you have any questions or encounter problems, please do not hesitate to contact Gebosun customer support. We are committed to providing a satisfactory solution within 24 hours. For support, please visit the official Gebosun store on Amazon or refer to the contact information provided with your purchase documentation.

[Visit the Gebosun Store on Amazon](#)

