

[Manuals.plus](#) /

> [WaitScher](#) /

> WaitScher SL-XBC Solar Outdoor Projector Light 2000W Instruction Manual

## WaitScher SL-XBC

# WaitScher SL-XBC Solar Outdoor Projector Light Instruction Manual

Model: SL-XBC

## INTRODUCTION

---

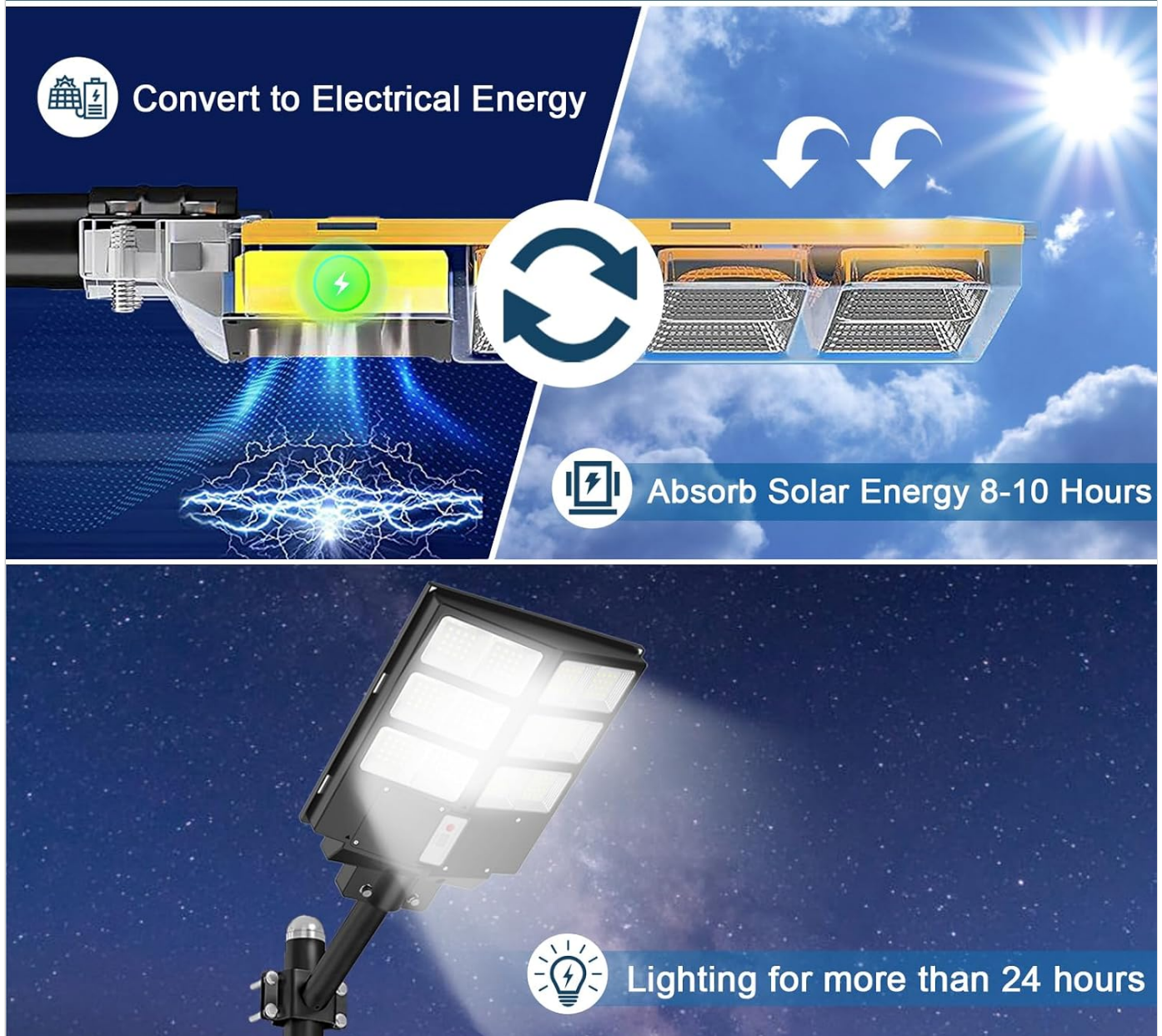
Thank you for choosing the WaitScher SL-XBC Solar Outdoor Projector Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your solar light. Please read it thoroughly before use and retain it for future reference.

## PRODUCT FEATURES

---

- **High Brightness LED Beads:** Equipped with 192 LED beads providing 25,000 lm and 6500K daylight white light. The ultra-wide angle lighting design covers over 2000 square meters, illuminating dark areas.
- **Durable and Waterproof:** Constructed with high-quality materials and an IP67 rating, making it dustproof, sunproof, lightning-proof, rainproof, and antioxidant. It functions reliably in various harsh weather conditions.
- **Intelligent Lighting Modes:** Features three distinct lighting modes: Motion Sensor Mode, Automatic Dusk-to-Dawn Mode, and Timer Mode, all controllable via remote.
- **Easy Installation:** Includes necessary accessories for installation on poles and walls. The adjustable connector allows for flexible mounting without the need for wiring.
- **Long-lasting Performance:** Utilizes a stable and durable 20,000 mAh lithium solar battery, providing up to 24 hours of operation after 8-10 hours of full charge.

# Dusk to Dawn & 0 Electricity Bill



**Image:** This illustration demonstrates the solar charging process, where the solar panel absorbs sunlight for 8-10 hours to convert it into electrical energy, which is then stored in the battery. This enables the light to operate for over 24 hours, providing dusk-to-dawn illumination without electricity costs.

## PACKAGE CONTENTS

Please check the package for the following items:

- WaitScher SL-XBC Solar Outdoor Projector Light
- Remote Control
- Mounting Hardware (screws, anchors, adjustable connector)
- Instruction Manual

## SETUP AND INSTALLATION

Before installation, ensure the solar panel is exposed to direct sunlight for 8-10 hours to fully charge the battery. Optimal

performance requires unobstructed sunlight exposure.

## Choosing an Installation Location

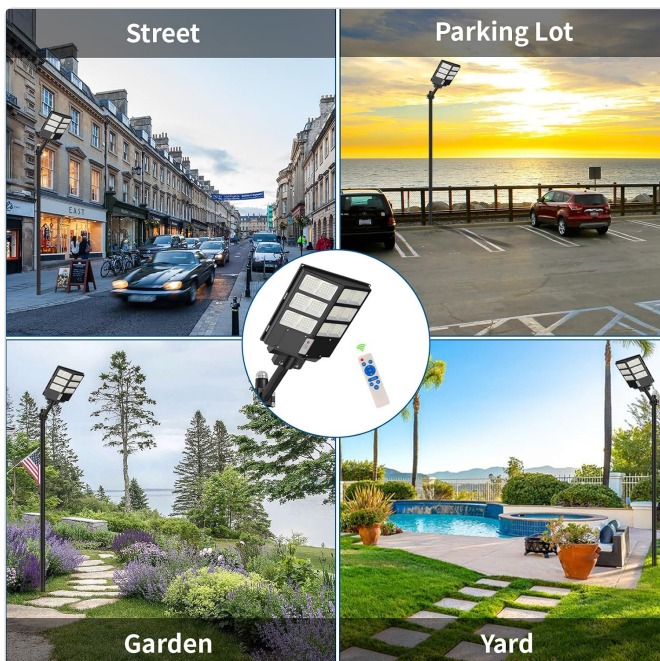
Select a location that receives maximum direct sunlight throughout the day. Avoid areas under trees, eaves, or other obstructions that may shade the solar panel.

## Mounting Options

The WaitScher SL-XBC supports two primary mounting methods: pole mounting and wall mounting.



**Image:** The WaitScher SL-XBC Solar Outdoor Projector Light shown installed on a pole, illustrating the pole mounting method. This setup is ideal for street lighting, parking lots, or open areas.



**Image:** The WaitScher SL-XBC Solar Outdoor Projector Light shown installed on a wall, illustrating the wall mounting method. This is suitable for garages, patios, or building exteriors.

## Pole Mounting

1. Attach the adjustable connector to the back of the solar light using the provided screws.
2. Secure the adjustable connector to a pole (recommended diameter: 1.77-3.54 inches) using the U-shaped bolts and nuts.
3. Adjust the angle of the solar panel to face direct sunlight for optimal charging.
4. Recommended installation height: 10-26 feet.

## Wall Mounting

1. Mark the desired drilling points on the wall using the mounting bracket as a template.
2. Drill holes and insert wall anchors if necessary.
3. Attach the mounting bracket to the wall using the provided screws.
4. Secure the solar light to the mounting bracket.
5. Adjust the angle of the solar panel to face direct sunlight for optimal charging.

*Note: No wiring is required for installation. Ensure all connections are secure.*

## OPERATING INSTRUCTIONS

---

The WaitScher SL-XBC Solar Outdoor Projector Light is controlled via the included remote control. The remote control has a maximum operating distance of 32 feet.



**Image:** The WaitScher SL-XBC Solar Outdoor Projector Light is shown alongside its remote control, highlighting key components such as high brightness LED beads, a large capacity battery, and high conversion solar panels.

## Remote Control Functions

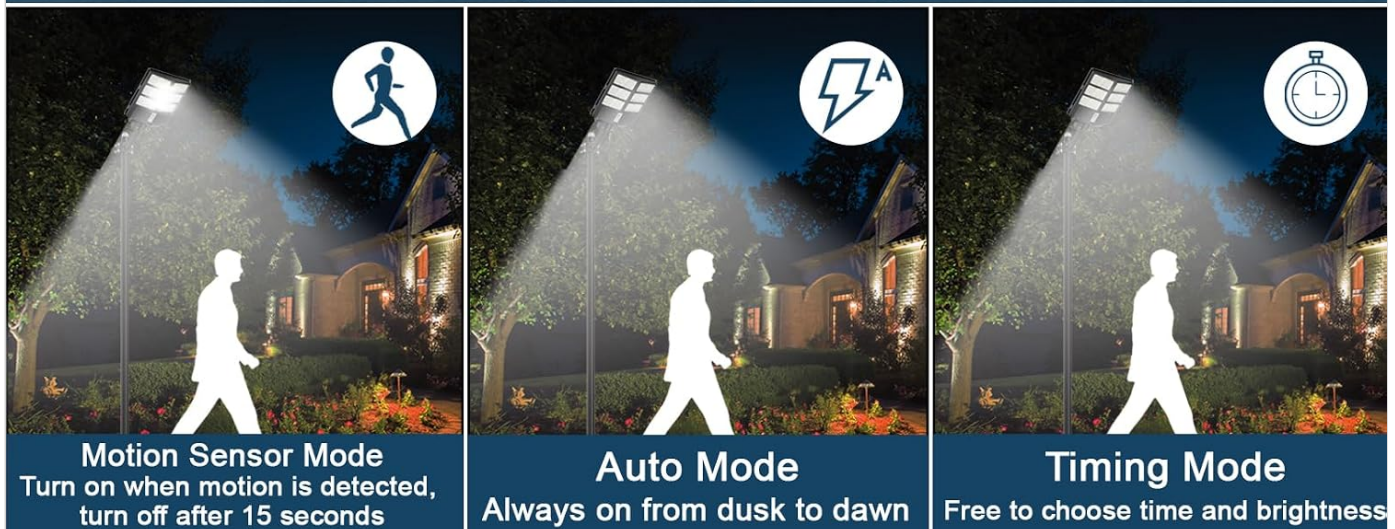
- **ON/OFF:** Turns the light on or off manually.
- **AUTO:** Activates the Dusk-to-Dawn automatic mode.
- **Motion Sensor Mode:** Activates motion detection functionality.
- **Timer (3H/5H/8H):** Sets the light to turn off automatically after 3, 5, or 8 hours of operation.
- **Brightness Adjustment:** Adjusts the light intensity (available in Auto Mode: 50%, 80%, 100%).

## Lighting Modes

# Outdoor Motion Sensor Solar Lights



## 3 Intelligent Lighting Modes



**Image:** This graphic illustrates the three intelligent lighting modes: Motion Sensor Mode, Auto Mode (Dusk to Dawn), and Timing Mode (3H/5H/8H), demonstrating their operational characteristics.

### 1. Motion Sensor Mode:

- Automatically turns on at 20% brightness at dusk.
- Adjusts to 100% brightness when motion is detected.
- Returns to 20% low power illumination after 15 seconds of no detected motion.
- Sensing range: Up to 26 feet.

### 2. Automatic (Dusk-to-Dawn) Mode:

- Automatically turns on at dusk and turns off at dawn.
- Brightness can be set to 50%, 80%, or 100% using the remote control.

### 3. Timer Mode (3H/5H/8H):

- Automatically turns on at night and turns off after the selected duration (3, 5, or 8 hours).

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your solar light.

- **Cleaning the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures efficient charging.
- **Battery Care:** The integrated lithium battery is designed for durability. Avoid prolonged storage in a completely discharged state. If storing the light, ensure it is fully charged first.
- **Inspection:** Regularly check the mounting hardware for tightness and ensure the light fixture is securely in place.
- **Environmental Factors:** While the light is IP67 waterproof, extreme weather conditions (e.g., severe hail, prolonged heavy snow) may temporarily affect performance. Ensure the solar panel is clear of snow for charging.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	<ul style="list-style-type: none"><li>◦ Insufficient solar panel charging.</li><li>◦ Light is in OFF mode.</li><li>◦ Solar panel is dirty or obstructed.</li></ul>	<ul style="list-style-type: none"><li>◦ Ensure solar panel receives 8-10 hours of direct sunlight daily.</li><li>◦ Press the "ON" or "AUTO" button on the remote control.</li><li>◦ Clean the solar panel surface.</li></ul>
Light duration is shorter than expected.	<ul style="list-style-type: none"><li>◦ Insufficient charging due to cloudy weather or shade.</li><li>◦ Battery degradation over time.</li><li>◦ High brightness setting consuming more power.</li></ul>	<ul style="list-style-type: none"><li>◦ Relocate the light to a sunnier spot if possible.</li><li>◦ Ensure solar panel is clean.</li><li>◦ Consider using a lower brightness setting or Motion Sensor Mode.</li></ul>
Motion sensor is not working.	<ul style="list-style-type: none"><li>◦ Motion sensor mode not activated.</li><li>◦ Obstruction in front of the sensor.</li><li>◦ Sensor range issues.</li></ul>	<ul style="list-style-type: none"><li>◦ Activate Motion Sensor Mode using the remote.</li><li>◦ Clear any objects blocking the sensor.</li><li>◦ Ensure motion is within the 26-foot sensing range.</li></ul>
Remote control is not responding.	<ul style="list-style-type: none"><li>◦ Remote battery is dead.</li><li>◦ Too far from the light.</li><li>◦ Obstruction between remote and light.</li></ul>	<ul style="list-style-type: none"><li>◦ Replace remote control battery.</li><li>◦ Move closer to the light (max 32 feet).</li><li>◦ Ensure a clear line of sight to the light's receiver.</li></ul>

## SPECIFICATIONS

Feature	Detail
Model Number	SL-XBC

Feature	Detail
Brand	WaitScher
Power (Equivalent)	2000W
Luminous Efficacy	250,000 lm
Color Temperature	6500 Kelvin (Daylight White)
Battery Capacity	20,000 mAh Lithium Battery
Charging Time	8-10 hours (direct sunlight)
Operating Time	Up to 24 hours (after full charge)
Waterproof Rating	IP67
Lighting Area	Up to 2000 m <sup>2</sup> (approx. 21500 sq ft)
Motion Sensor Range	Up to 26 feet
Remote Control Distance	Max 32 feet
Mounting Type	Wall/Pole Mount
Recommended Installation Height	10-26 feet
Product Dimensions (L x W x H)	44.96 x 33.78 x 7.11 cm (17.7 x 13.3 x 2.8 inches)
Weight	3.67 kg (8.09 lbs)
Material	Aluminum, Plastic

## WARRANTY AND SUPPORT

---

### Warranty Information

The WaitScher SL-XBC Solar Outdoor Projector Light comes with a **3-year product warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

### Customer Support

For any questions, technical assistance, or warranty inquiries, please contact our customer support team. We offer 24-hour customer service and professional technical support.

*Contact information (e.g., email, phone number, website) would typically be provided here by the manufacturer.*

