Adewalk TW001/SZ400

Adewalk 12000W Solar Street Light Instruction Manual

Model: TW001/SZ400

Introduction

The Adewalk 12000W Solar Street Light is designed for efficient outdoor illumination, featuring dual solar panels and advanced optical lens-focused LEDs. This light provides extensive coverage up to 5000 sq.ft with a 300° multi-angle lighting design, eliminating dark zones. It operates automatically from dusk to dawn and includes a remote control for convenient adjustments. Ideal for large areas such as parking lots, highways, roads, and industrial spaces.



Image: The Adewalk 12000W Solar Street Light provides broad illumination for large outdoor areas, ensuring comprehensive coverage.

Setup and Installation

Included Components:

- Solar Street Light Fixture
- Dual Solar Panels
- Mounting Hardware
- Remote Control

Installation Methods:

The Adewalk Solar Street Light supports both wall-mounted and pole-mounted installations. All necessary hardware is included. No additional wiring is required, simplifying the installation process.

1. **Choose Location:** Select an outdoor location that receives direct sunlight for the solar panels throughout the day. The

recommended installation height is 20-30 feet for optimal lighting coverage.

2. **Assemble Mounting Bracket:** Attach the appropriate mounting bracket to the light fixture.
3. **Secure Fixture:** For wall mounting, use the provided screws to secure the bracket to a sturdy wall. For pole mounting, attach the bracket to a suitable pole using the included clamps or bolts.
4. **Adjust Solar Panels:** Position the dual solar panels to face the sun for maximum charging efficiency.
5. **Connect Cables:** Ensure all cables between the solar panels and the light fixture are securely connected.



Image: The solar street light can be installed on a wall or a pole, offering flexible placement options.



Image: The solar charging system eliminates the need for complex wiring, making installation straightforward.

Operating Instructions

Automatic Operation:

The Adewalk solar light is designed for automatic operation. It will turn on at dusk and turn off at dawn, provided the solar panels receive sufficient sunlight during the day for charging.



Image: The intelligent light sensor chip ensures the light charges during the day and illuminates automatically at night.

Remote Control Functions:

Use the included remote control to manage the light's settings from a distance.

- **On/Off:** Manually turn the light on or off.
- **Brightness Adjustment:** Increase or decrease the light intensity.
- **Timer Settings:** Set the light to operate for 3, 5, or 8 hours. After the set time, the light will revert to Motion-Sensing Mode.

Lighting Modes:

The solar flood light offers three versatile lighting modes:

- **Motion Sensor Mode:** The light maintains 30% brightness until motion is detected, at which point it automatically adjusts to 100% brightness.
- **Always-On Mode:** This mode can be activated through the timer settings. The light will remain at a constant brightness level.
- **Timer Mode (3H/5H/8H):** Set the light to operate for a specific duration (3, 5, or 8 hours). After the timer expires, the light will switch back to Motion-Sensing Mode.



Image: The intelligent motion sensor adjusts light output from 30% to 100% brightness upon detecting movement.

Power Capacity Indicators:

The light features indicators to show its power capacity:

- When fully charged, the green indicator light flashes, and the indicator light remains on.
- If only the red light is on, the power is below 20%.
- If 4 lights are on and 1 light is off, the light has 80% power.

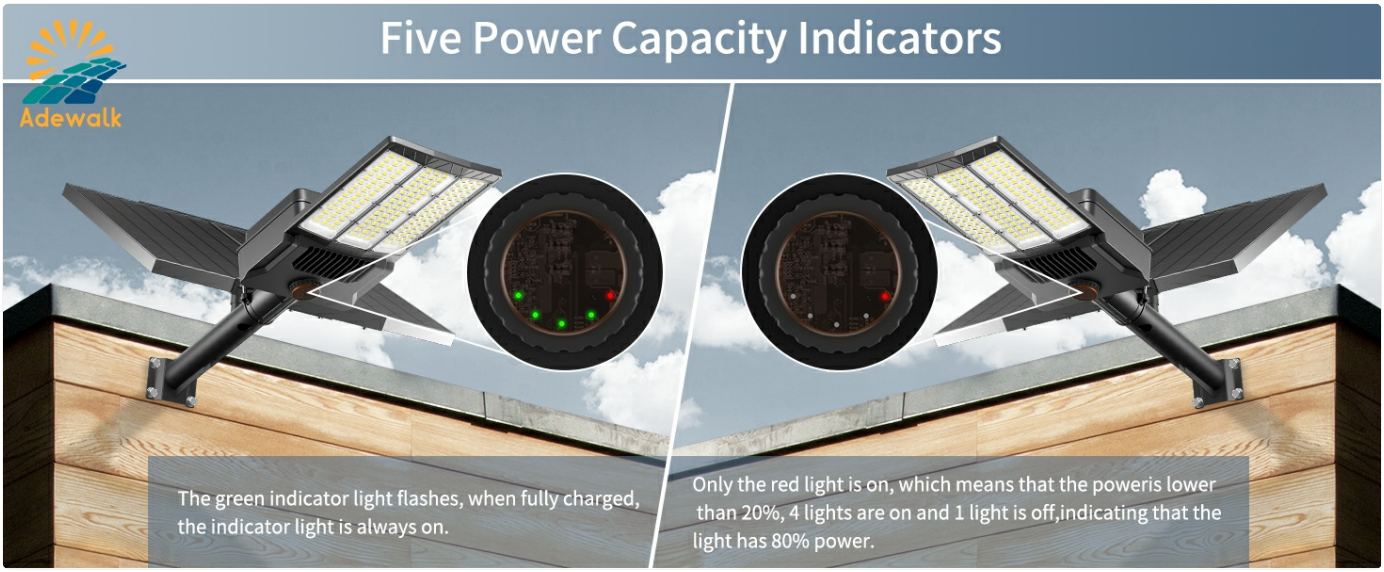


Image: The power capacity indicators provide a visual status of the light's battery level.

Maintenance

Regular maintenance ensures optimal performance and longevity of your Adewalk Solar Street Light.

- **Clean Solar Panels:** Periodically wipe the surface of the solar panels with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Check Connections:** Annually inspect all electrical connections to ensure they are secure and free from corrosion.
- **Inspect Mounting:** Verify that the light fixture and solar panels remain securely mounted and are not loose due to weather conditions or vibrations.
- **Battery Care:** While the battery is integrated, ensuring the solar panels are clean and receive adequate sunlight helps maintain battery health over time. Avoid prolonged periods of complete discharge.

Troubleshooting

If you encounter issues with your solar street light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar panel charging; switch is off; faulty sensor.	Ensure solar panels are clean and receive 6-8 hours of direct sunlight daily. Check if the light is manually turned off via remote. Verify connections.
Light is dim or does not last all night.	Inadequate charging; aging battery; cloudy weather.	Clean solar panels. Ensure optimal sun exposure. Allow several sunny days for full charge. If issues persist after 2 years, battery performance may be reduced.
Motion sensor not working.	Sensor obstructed; incorrect mode selected; sensor malfunction.	Clear any obstructions from the sensor. Ensure the light is in Motion Sensor Mode. Test the sensor by walking in its detection range.
Remote control not responding.	Remote battery low; obstruction; remote out of range.	Replace remote control batteries. Ensure no obstructions between remote and light. Operate within the specified range.

Specifications

Feature	Detail
Brand	Adewalk
Model Numbers	TW001, SZ400
Wattage	12000 watts
Brightness	12000 lumens
Light Source	LED (5054 individual LEDs)
Color Temperature	6500 Kelvin (Daylight)
Power Source	Solar Powered
Control Method	Remote Control (Infrared)
Special Features	Motion Sensor, Timer, Dusk-to-Dawn
Material	Aluminum, Acrylonitrile Butadiene Styrene (Shade)
Water Resistance Level	Waterproof
Mounting Type	Wall Mount and Pole Mount
Item Dimensions (L x W x H)	25.59"L x 15.75"W x 5.91"H

Warranty Information

The Adewalk 12000W Solar Street Light comes with a **2-year manufacturer's limited 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 claims regarding your Adewalk Solar Street Light, please contact Adewalk customer service. Adewalk offers 7x24 hours customer service to assist you.
Please refer to the contact information provided with your product packaging or visit the official Adewalk website for the most current support details.

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