

Deepn TW3601

Deepn 7000W Solar Street Light User Manual

Model: TW3601

1. PRODUCT OVERVIEW

The Deepn 7000W Solar Street Light is an ultra-large, high-lumen LED lighting solution designed for outdoor use. It features IP67 waterproofing, a motion sensor, and operates from dusk to dawn, providing efficient and maintenance-free illumination for various commercial and residential outdoor spaces.

Key Features

- **Ultra-large & IP67 Waterproof:** Features a newly upgraded waterproof backplane, high-quality ABS, die-cast aluminum frame, and nanoscale waterproof coating for superior protection.
- **0 Electricity Bill:** Utilizes highly-efficient solar panels for automatic charging during the day and lighting at night, eliminating electricity costs.
- **Extremely Bright:** Equipped with 1440 high-efficiency 5730 SMD lamp beads, offering 24720 lumens and a 7500K color temperature for extreme brightness and a lighting range of up to 6000 square feet.
- **Long Battery Life:** Large-capacity battery provides 12-14 hours of continuous operation after full charge, and approximately 36 hours in low brightness mode.
- **Easy to Install:** Comes with all necessary assembly accessories for wall, pole, tree, or balcony mounting. No wiring required.

Package Contents

- 2 x Solar Street Light
- 2 x Mounting Accessories Set
- 2 x Instruction Manual
- 2 x Remote Control



Image: Contents of the Deepn Solar Street Light package, including two lights, mounting hardware, and remote controls.

2. SPECIFICATIONS

Attribute	Value
Brand	Deepn
Model Number	TW3601
Color	Black
Shape	Rectangular
Material	Aluminum, Plastic
Finish Type	Polished
Light Source Type	LED
Shade Material	Acrylonitrile Butadiene Styrene
Power Source	Solar Powered
Item Weight	14.5 Pounds
Number of Batteries	2 AAA batteries required (included)
Voltage	12 Volts (DC)
Brightness	24720 lumen
Mounting Type	Pole Mount / Wall Mount
Color Temperature	7500 Kelvin
Number of Light Sources	2
Product Dimensions	27.16"L x 13.38"W x 3.46"H
Wattage	9000 watts
UPC	731041417174

3. SETUP INSTRUCTIONS

Unboxing

Carefully open the packaging and remove all components. Inspect for any damage during transit. Ensure all listed package contents are present before proceeding with installation.



Image: Two Deepn Solar Street Lights, showcasing their design and LED arrays.

Mounting Options

The Deepn Solar Street Light offers versatile mounting options, including pole mount and wall mount. The suitable diameter for a lighting pole is 1.5 IN to 4 IN. Choose a location that receives ample direct sunlight throughout the day for optimal charging.



Image: Solar street light installed on a pole, ideal for open areas like parking lots.



Image: Solar street light installed on a wall, suitable for building exteriors or fences.

Installation Steps

1. **Choose Location:** Select a mounting location that receives maximum direct sunlight throughout the day and provides the desired lighting coverage at night.
2. **Assemble Bracket:** Attach the mounting bracket to the light fixture using the provided screws and tools. Ensure it is securely fastened.
3. **Mount Fixture:** Secure the assembled light fixture to your chosen pole or wall using the appropriate mounting accessories. Ensure it is stable and properly aligned.
4. **Activate:** After installation, press the power button on the street light to activate it. The light will automatically enter the always bright mode or motion sensor mode depending on initial settings.

4. OPERATING INSTRUCTIONS

Initial Activation

Upon receiving the solar street light and completing installation, press the power button located on the light unit. The light will automatically turn on at night and turn off/charge during the day. For optimal performance, allow the light to charge for at least 6-8 hours in direct sunlight before first use.

Remote Control Functions

The included remote control allows for convenient adjustment of lighting modes and brightness levels. Ensure the AAA batteries (included) are correctly installed in the remote.



Image: Remote control for the Deepn Solar Street Light, showing buttons for various modes and brightness adjustments.

- **ON/OFF:** Power the light on or off.
- **Brightness Adjustment:** Adjust brightness to 25%, 50%, 75%, or 100%.
- **Timer Settings:** Set the light to operate for 2, 3, 5, 6, or 8 hours.
- **Mode Selection:** Switch between Always Bright Mode, Motion Sense Mode, and Intelligent Control Mode.

Lighting Modes

- **Always Bright Mode:** The light remains at a constant brightness level throughout the night.
- **Motion Sense Mode:** The light stays at a low brightness (e.g., 30%) and brightens to 100% when motion is detected, then returns to low brightness after a period of no motion.
- **Intelligent Control Mode:** Combines dusk-to-dawn operation with motion sensing and adjustable brightness/timer settings for optimized energy saving and illumination.

5. MAINTENANCE

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

- **Cleaning the Solar Panel:** Periodically wipe the solar panel surface with a soft, damp cloth to remove dust, dirt, or debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Battery Care:** The internal battery is designed for long-term use. Avoid prolonged storage in a completely discharged state. If storing for extended periods, ensure the light is fully charged before storage and recharge every few months.
- **Fixture Inspection:** Annually inspect the mounting hardware and light fixture for any signs of wear, corrosion, or loosening. Tighten any loose screws or bolts as needed.
- **Environmental Considerations:** While IP67 waterproof, extreme weather conditions (e.g., heavy snow accumulation on the panel) may temporarily affect performance. Clear any obstructions from the solar panel as soon as safely possible.

6. TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions.

Problem	Solution
Light does not turn on at night.	◦ Ensure the power button on the light is pressed. ◦ Verify the solar panel is clean and receiving direct sunlight for at least 6-8 hours daily. ◦ Check if the remote control batteries are installed correctly and have power. ◦ Ensure there are no external light sources (e.g., streetlights, house lights) directly illuminating the solar panel at night, which might prevent it from activating.
Light is dim or only stays on for a short period.	◦ The battery may not be fully charged. Ensure the solar panel is clean and receives adequate direct sunlight. ◦ Check the selected brightness level and timer setting on the remote control. Higher brightness or longer duration will consume more battery. ◦ Consider the weather conditions; prolonged cloudy or rainy days will reduce charging efficiency.
Motion sensor is not working correctly.	◦ Ensure the light is set to Motion Sense Mode or Intelligent Control Mode via the remote. ◦ Check for obstructions blocking the sensor's field of view. ◦ Verify the light is installed at an appropriate height and angle for motion detection.

7. WARRANTY AND SUPPORT

Deepn provides a **2-year after-sales service and technical support** for your solar street lights. If you have any concerns, encounter any issues, or require assistance with your product, please contact Deepn customer service. Refer to your purchase documentation for specific contact details.

Customer satisfaction is our priority. We are committed to providing high-quality products and support.