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> [OKPRO 10000W Solar Street Light Outdoor Instruction Manual S-2000A](#)

OKPRO S-2000A

OKPRO 10000W Solar Street Light Outdoor Instruction Manual

Model: S-2000A

1. INTRODUCTION

Thank you for choosing the OKPRO 10000W Solar Street Light Outdoor. This manual provides essential information for the proper installation, operation, and maintenance of your solar street light. Please read these instructions carefully before use to ensure optimal performance and longevity of the product. This solar street light is designed for efficient and reliable outdoor illumination, utilizing solar energy for power.

2. PRODUCT OVERVIEW

2.1. Components Included

The package contains the following items:

- 1x Solar Street Light fixture
- 1x Solar Panel
- 1x Remote Control
- 1x Instruction Manual (this document)
- 1x Installation Screw Accessories Set

2.2. Key Features

- **Ultra Bright LED Beads:** Features 60pcs 5054-SMD lamp beads for uniform and wide-range illumination, providing up to 500,000 lumens with 6500K color temperature.
- **High Efficiency Solar Panel:** 6V/40W polycrystalline solar panel converts up to 25% of solar energy.
- **Large Capacity Battery:** Equipped with a 50,000mAh high-capacity lithium-ion battery for stable voltage and extended operation.
- **Dusk to Dawn Operation:** Automatic lighting at sunset and charging at sunrise, requiring no manual intervention.
- **Remote Control:** Allows for ON/OFF control, brightness adjustment (25%, 50%, 75%, 100%), and timer settings (3/5/8 hours).
- **Battery Indicator Display:** Shows remaining battery status (25%, 50%, 75%, 100%).
- **Durable Construction:** Aluminum frame and die-cast iron lamp pole, IP66 waterproof rating, heat-resistant, frost-resistant, and lightning-proof for harsh weather conditions.

- **Easy Installation:** Designed for wall or pole mounting with no wiring required.



Figure 1: OKPRO 10000W Solar Street Light with its solar panel and remote control.

3. SAFETY INFORMATION

- Ensure all components are securely fastened during installation to prevent falling.
- Do not disassemble or modify the product. Unauthorized modifications may void the warranty and pose safety risks.
- Keep the solar panel clean to ensure efficient charging.
- Avoid direct eye exposure to the LED light source when illuminated.
- Dispose of batteries and electronic components according to local regulations.
- Do not install near flammable or explosive materials.

4. INSTALLATION GUIDE

The OKPRO Solar Street Light can be mounted on a wall or a pole. No electrical wiring is required, simplifying the installation process.

4.1. Choosing an Installation Location

- Select a location where the solar panel receives direct sunlight for at least 6-8 hours daily. Shaded areas will reduce charging efficiency and light duration.
- Ensure the light fixture is positioned to illuminate the desired area effectively.
- Recommended installation height is 12-25 feet (3.6-7.6 meters) above the ground for optimal coverage.

4.2. Mounting Options

The light supports both wall and pole mounting. The included installation screw accessories set provides the necessary hardware.

REAL SCENE DIAGRAM

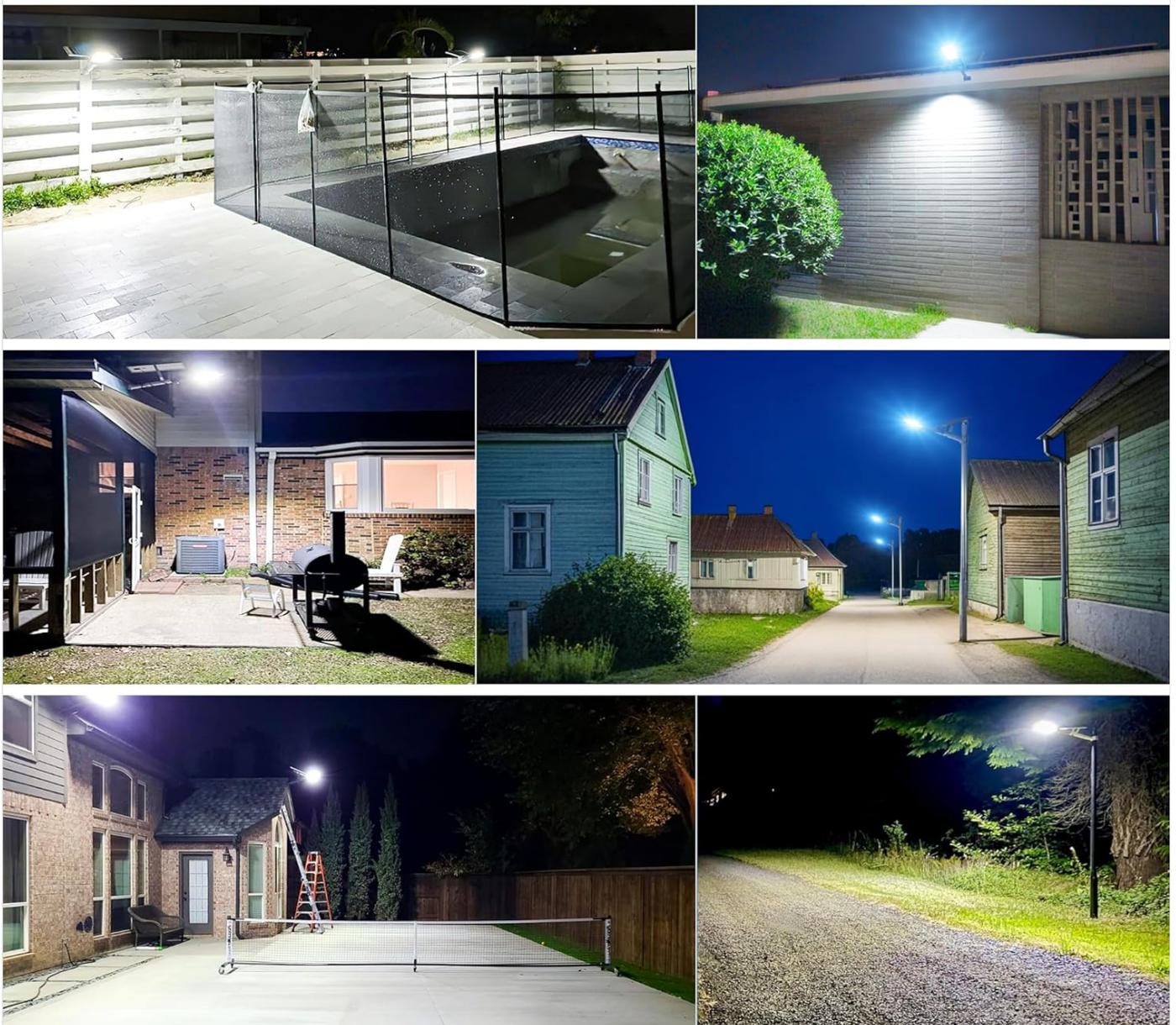


Figure 2: Installation options (Pole Mounted and Wall Mounted) and included accessories.

4.2.1. Pole Mounting

- Ensure the pole diameter is between 1.5 to 4 inches (3.8 to 10.2 cm).

- Attach the mounting bracket to the pole using the provided screws and bolts.
- Secure the solar street light fixture to the mounting bracket.
- Adjust the angle of the solar panel to face the sun for maximum exposure.

4.2.2. Wall Mounting

- Mark the drilling points on the wall based on the mounting bracket.
- Drill holes and insert wall anchors if necessary.
- Attach the mounting bracket to the wall using the provided screws.
- Secure the solar street light fixture to the mounting bracket.
- Adjust the angle of the solar panel to face the sun for maximum exposure.

After installation, ensure all connections are tight and the light is stable.

5. OPERATION INSTRUCTIONS

5.1. Initial Activation

Upon first use, allow the solar panel to charge for a full day (6-8 hours) in direct sunlight before activating the light. This ensures the battery has sufficient charge for initial operation.

5.2. Dusk to Dawn Mode

The light is designed to operate automatically in dusk-to-dawn mode. It will:

- Automatically charge during daylight hours when the solar panel is exposed to sunlight.
- Automatically illuminate at dusk and turn off at dawn.

SOLAR STREET LIGHTS OUTDOOR

DUSK TO DAWN



CHARGING AT DAYTIME
Automatic charging
during the day

0 ELECTRICITY BILLS



LIGHTING AT NIGHT
Automatic lighting up
at dusk

Figure 3: Automatic Dusk to Dawn operation of the solar street light.

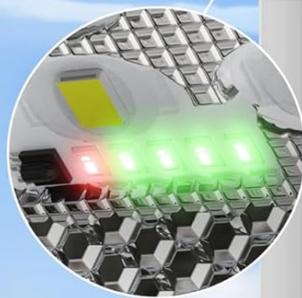
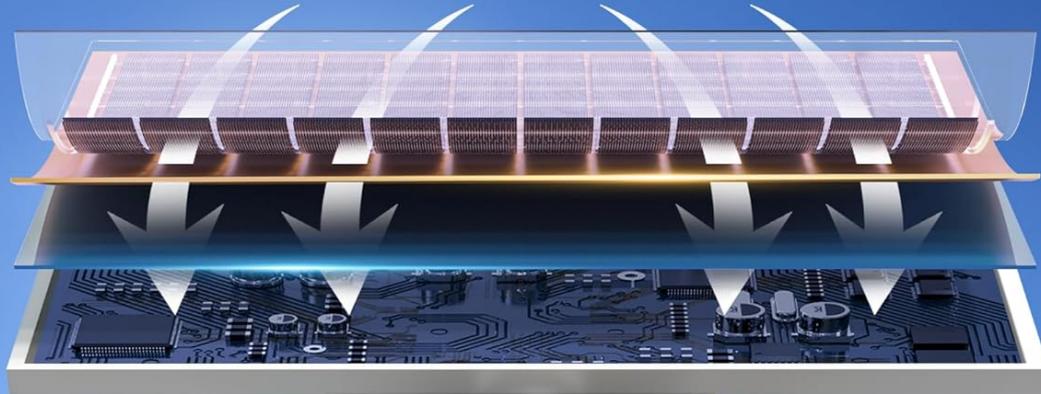
5.3. Battery Indicator

The light features a battery indicator display to show the remaining power level:

- 25%
- 50%
- 75%
- 100%

HIGH EFFICIENCY SOLAR PANEL

6V/40W polycrystalline solar panel for rapid solar absorption and conversion of solar energy into electricity up to **25%**



CHARGING INDICATOR

The product has a display to let you know the remaining power.

25%

50%

75%

100%

Figure 4: Battery indicator display on the solar street light.

6. REMOTE CONTROL FUNCTIONS

The included remote control allows for manual adjustment of the light's settings.

WIDER LIGHTING RANGE



High-transmittance panel effectively optimizes reflection and diffusion, brightness and lighting range increased by up to **80%**



Figure 5: Remote control for the OKPRO Solar Street Light.

- **ON/OFF:** Press the **ON** button to turn the light on, and the **OFF** button to turn it off.
- **AUTO Mode:** Press **AUTO** to activate the dusk-to-dawn sensor, allowing the light to operate automatically.
- **Brightness Adjustment:** Use the **+** and **-** buttons to cycle through brightness levels (25%, 50%, 75%, 100%).
- **Timer Function:** Set the light to stay on for a specific duration after dusk:
 - **3H:** Light stays on for 3 hours.
 - **5H:** Light stays on for 5 hours.
 - **8H:** Light stays on for 8 hours.

7. MAINTENANCE

- **Solar Panel Cleaning:** Regularly clean the surface of the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Fixture Inspection:** Periodically check the light fixture and mounting hardware for any signs of damage, corrosion,

or loose connections. Tighten any loose screws or bolts.

- **Battery Care:** The integrated lithium-ion battery is designed for long life. Avoid prolonged storage of the light in a completely discharged state. If storing, ensure the battery is partially charged.
- **Environmental Protection:** The IP66 waterproof rating ensures protection against dust and strong jets of water. While designed to withstand harsh weather, extreme conditions like heavy snow accumulation on the solar panel should be cleared to maintain charging.

8. TROUBLESHOOTING

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.• Battery is fully discharged.• Light is in OFF mode.	<ul style="list-style-type: none">• Ensure solar panel receives direct sunlight for 6-8 hours.• Clean the solar panel surface.• Relocate the light to a sunnier spot.• Use the remote control to set to AUTO or ON mode.
Light duration is shorter than expected.	<ul style="list-style-type: none">• Insufficient charging due to weather or shade.• Battery capacity degradation over time.	<ul style="list-style-type: none">• Ensure optimal solar panel exposure.• Clean the solar panel.• Consider replacing the battery if it's significantly old (contact support).
Remote control is not working.	<ul style="list-style-type: none">• Remote battery is dead.• Obstruction between remote and light.	<ul style="list-style-type: none">• Replace the remote control battery (AA batteries, 1 required).• Ensure clear line of sight to the light's sensor.

9. SPECIFICATIONS

Feature	Detail
Brand	OKPRO
Model Name	S-2000A Solar Parking Lot Light
Wattage	10000 watts (equivalent illumination)
Brightness	500,000 Lumens
Light Source Type	LED (60pcs 5054-SMD beads)
Color Temperature	6500 Kelvin (White)
Solar Panel	6V/40W Polycrystalline
Battery	50,000mAh Lithium-ion (1 AA batteries required for remote, included)
Material	Aluminum (shade), Acrylonitrile Butadiene Styrene

Feature	Detail
Water Resistance Level	IP66 Waterproof
Control Method	Remote Control
Installation Type	Wall or Pole Mount
Product Dimensions	4.27"L x 2.32"W x 10.49"H
Item Weight	12.77 pounds
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Recommended Uses	Outdoor illumination for parking lots, streets, driveways, garages, parks, pools, etc.

10. WARRANTY AND SUPPORT

OKPRO provides a 2-year customer service warranty for this product. If you encounter any issues or have questions regarding your OKPRO 10000W Solar Street Light, please contact our customer support team. Please retain your proof of purchase for warranty claims.

For support, please visit the OKPRO Store on Amazon or contact us through the platform where you purchased the product.

OKPRO Store Link: [OKPRO Official Store](#)

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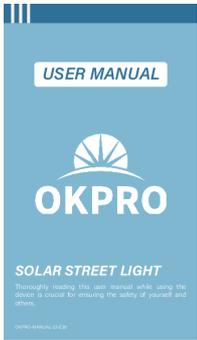
Related Documents - S-2000A

	<p>OKPRO Solar Street Light User Manual: Installation, Operation, and Warranty</p> <p>User manual for the OKPRO Solar Street Light, detailing installation, operation modes, remote control functions, and warranty information. Includes guidance on optimal usage and charging for solar-powered outdoor lighting.</p>
	<p>OKPRO Solar Street Light User Manual - Installation and Operation Guide</p> <p>Comprehensive user manual for the OKPRO Solar Street Light (Model OKPRO-MANUAL-23-E9, S-5050GC). This guide provides detailed instructions for installation, operation modes, remote control functions, and customer support information. Learn how to set up your super bright, waterproof, outdoor LED street light for optimal performance and energy efficiency.</p>
	<p>OKPRO Solar Street Light User Manual</p> <p>User manual for the OKPRO Solar Street Light, detailing package contents, installation steps, remote control functions, auto mode, motion sensor mode, and customer support information.</p>



[OKPRO Solar Street Light User Manual](#)

Comprehensive user manual for OKPRO Solar Street Lights, covering product components, installation instructions, remote control functions, specifications for models S-864B and S-1152B, and after-sales service.



[OKPRO Solar Street Light User Manual](#)

Comprehensive user manual for the OKPRO Solar Street Light (Model S-601HD), covering product components, installation instructions, remote control operation, specifications, and warranty information.



[BNT Solar Street Light User Manual](#)

User manual for the BNT Solar Street Light, covering installation, operation, and features. Includes remote control functions and warranty information.