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OKPRO Solar Street Lights Outdoor Bundle (6800W & 300W 4-Pack)

OKPRO Solar Street Lights Outdoor User Manual

Models: 6800W Integrated Street Light & 300W Octagonal Solar Lights (4-Pack)

1. INTRODUCTION

Thank you for choosing OKPRO Solar Street Lights. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your 6800W Integrated Solar Street Light and 300W Octagonal Solar Lights. Please read this manual thoroughly before use and retain it for future reference.

2. SAFETY INFORMATION

- Ensure all components are intact before installation. Do not install damaged products.
- Installation should be performed by individuals familiar with local electrical codes and safety practices.
- Do not look directly into the LED light source when illuminated, as it may cause eye strain.
- Keep the solar panel clean to ensure optimal charging efficiency.
- Do not attempt to disassemble or modify the product. This will void the warranty and may cause damage or injury.
- Dispose of batteries and electronic components according to local regulations.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x OKPRO 6800W Integrated Solar Street Light
- 4 x OKPRO 300W Octagonal Solar Lights
- 1 x Remote Control (for 6800W light)
- 1 x Pole Mounting Bracket (for 6800W light)

- Mounting Hardware (screws, expansion bolts)
- 1 x Warranty Card



Figure 1: Package Contents. Includes the 6800W integrated street light, four 300W octagonal lights, remote control, mounting bracket, and hardware.

4. PRODUCT FEATURES

4.1 OKPRO 6800W Integrated Solar Street Light

- **Ultra Brightness:** Equipped with 1152 high-brightness 5730 type LED beads, emitting 7000K cold white light.
- **Wide-Angle Illumination:** Unique three-curve design provides 240° wide-angle illumination, covering 900-1152 square feet.
- **High Efficiency Solar Panel:** Innovative solar panels convert over 25% of solar energy into electricity.
- **Long-Lasting Power:** Features a 30000mAh large capacity battery for all-night illumination.
- **Durable Construction:** Brand-new ABS plastic shell with IP66 waterproof rating, resistant to heavy rain and high temperatures.
- **Integrated Design:** Combines solar panel, battery, and LED light into a single unit for easy installation.



Figure 2: The 6800W Integrated Solar Street Light (left) and the 300W Octagonal Solar Lights (right).

240° Wide-Angle Design

Providing a broader illumination area

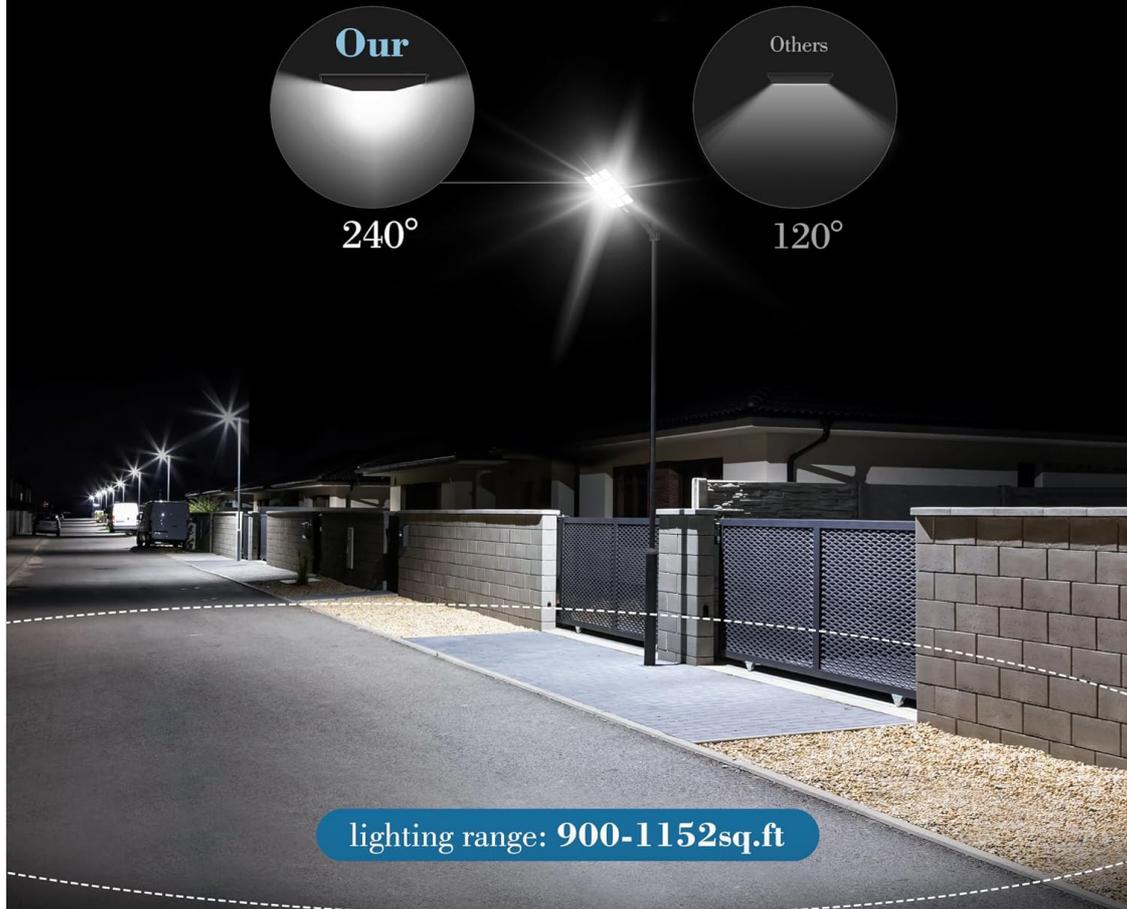


Figure 3: 240° Wide-Angle Illumination of the 6800W light.

4.2 OKPRO 300W Octagonal Solar Lights

- **Unique Octagonal Design:** Provides comprehensive 360° lighting without blind spots.
- **High-Efficiency LEDs:** Equipped with 168 super LED beads for optimal brightness.
- **Motion Sensor:** Integrated motion sensor for enhanced security and energy saving.
- **Durable & Waterproof:** Designed for outdoor use with robust construction.



Figure 4: Four 300W Octagonal Solar Lights mounted.

Eight Sides Full 360° Lighting

Sweep away all darkness !



Figure 5: 360° Lighting from an Octagonal Solar Light.

5. INSTALLATION

The OKPRO Solar Street Lights are designed for easy, wire-free installation. Ensure the chosen installation location receives ample direct sunlight for optimal charging.

5.1 Site Selection

- Choose a location where the solar panel can receive 4-6 hours of direct sunlight daily.
- Avoid areas under trees, eaves, or other obstructions that may block sunlight.
- Consider the desired illumination area for optimal light coverage.

5.2 Installation for 6800W Integrated Solar Street Light

This light can be installed on walls or lamp posts (1.5 to 4 inches diameter). Recommended installation height is 9.84-19.69 feet (3-6 meters).

1. **Prepare Mounting Surface:** Mark the drilling points on the wall or lamp post using the mounting bracket as a template.
2. **Drill Holes:** Drill holes at the marked positions. Insert expansion bolts if installing on concrete or masonry.
3. **Attach Bracket:** Secure the pole mounting bracket to the wall or lamp post using the

provided screws.

4. **Mount Light:** Attach the 6800W solar street light to the pole mounting bracket. Ensure it is securely fastened.
5. **Adjust Angle:** Adjust the light angle to direct illumination as desired.



Figure 6: 6800W Light Wall Mount Example.

5.3 Installation for 300W Octagonal Solar Lights

These lights are typically wall-mounted.

1. **Prepare Mounting Surface:** Mark the drilling points on the wall.
2. **Drill Holes:** Drill holes at the marked positions and insert expansion bolts if necessary.
3. **Mount Light:** Secure the octagonal solar light to the wall using the provided screws.

6. OPERATION

Both solar lights feature automatic dusk-to-dawn operation and motion sensing capabilities.

6.1 Initial Activation

Upon first use, ensure the lights are exposed to direct sunlight for at least 6-8 hours to fully charge the internal battery. The lights will automatically turn on at dusk and off at dawn.

6.2 Remote Control (for 6800W Light)

The 6800W Integrated Solar Street Light comes with a remote control for adjusting settings.

- **ON/OFF:** Manually turn the light on or off.
- **Brightness Adjustment:** Adjust light intensity (e.g., 25%, 50%, 75%, 100%).
- **Timer Settings:** Set the light to operate for a specific duration (e.g., 2H, 3H, 5H, 8H).
- **Motion Sensor Mode:** Activate or deactivate the motion sensor. In motion sensor mode, the light will dim when no motion is detected and brighten when motion is sensed.

6.3 300W Octagonal Solar Lights

These lights typically operate with an integrated motion sensor. They will automatically turn on at dusk, dim when no motion is detected, and brighten to full intensity upon sensing movement.

7. MAINTENANCE

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

- **Clean Solar Panels:** Periodically wipe the solar panels with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption.
- **Inspect for Damage:** Regularly check the light fixtures and mounting hardware for any signs of wear, corrosion, or damage. Tighten any loose screws.
- **Clear Obstructions:** Ensure no new obstructions (e.g., growing tree branches) are blocking sunlight from reaching the solar panels.
- **Battery Care:** The internal batteries are designed for long life. Avoid prolonged storage in a completely discharged state. If storing, ensure they are fully charged first.

8. TROUBLESHOOTING

If you encounter issues with your OKPRO Solar Street Lights, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient sunlight exposure. Battery not charged.	Ensure solar panel is in direct sunlight for 6-8 hours. Clean the solar panel. Relocate if necessary.
Light duration is shorter than expected.	Partial charging due to cloudy weather or obstructions.	Verify solar panel cleanliness and unobstructed sunlight exposure. Allow several sunny days for full charge.
Light flickers or is dim.	Low battery charge. Faulty LED or wiring.	Allow for full charge. If problem persists, contact customer support.
Remote control not working (6800W light).	Remote battery depleted. Obstruction between remote and light.	Replace remote control battery. Ensure clear line of sight to the light's sensor.

Problem	Possible Cause	Solution
Motion sensor not detecting movement.	Sensor obstructed or dirty. Incorrect sensitivity setting.	Clean sensor lens. Ensure no objects are blocking the sensor's field of view. (For 6800W, check remote settings).

9. SPECIFICATIONS

Feature	Description
Brand	OKPRO
Model (6800W Light)	Integrated Solar Street Light
Model (300W Lights)	Octagonal Solar Light (4-Pack)
Material	Acrylonitrile Butadiene Styrene (ABS)
Power Source	Solar Powered
Light Source Type	LED (5730 type for 6800W, 168 beads for 300W)
Light Color	Cool White (7000K for 6800W)
Brightness (6800W)	84000 Lumen
Battery Capacity (6800W)	30000mAh
Solar Conversion Rate	Over 25%
Charging Time	4-6 hours (with abundant sunlight)
Illumination Angle (6800W)	240° Wide-Angle
Illumination Area (6800W)	900-1152 square feet
Water Resistance	IP66 Waterproof
Control Method	Remote Control (6800W), Motion Sensor (Both)
Installation Type	Surface Mount (Wall/Pole)
Recommended Installation Height (6800W)	9.84-19.69 ft (3-6 m)
Certifications	FCC, CE, RoHS

10. WARRANTY AND SUPPORT

OKPRO Solar Street Lights come with a **24-month warranty** from the date of purchase.

If you encounter any problems or are dissatisfied with your product for any reason, please contact us directly through the Amazon message window. Our professional service team is committed to providing satisfactory solutions within 24 hours.

Please retain your purchase receipt as proof of purchase for warranty claims.

Related Documents - Solar Street Lights Outdoor Bundle (6800W & 300W 4-Pack)

	<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>
	<p>OKPRO Solar Street Light User Manual and Installation Guide</p> <p>Comprehensive user manual for the OKPRO Solar Street Light, covering package contents, installation steps, recommended height, auto mode, remote control functions, and customer support information.</p>
	<p>OKPRO Solar Street Light User Manual</p> <p>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.</p>
	<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</p> <p>Comprehensive user manual for the OKPRO Solar Street Light (Model S-601HD), covering product components, installation instructions, remote control operation, specifications, and warranty information.</p>

