OKPRO S-168XBJ

OKPRO Solar Flood Lights Outdoor User Manual
Model: S-168XBJ

1. INTRODUCTION

Thank you for choosing the OKPRO Solar Flood Lights Outdoor. This product is designed to provide efficient and reliable outdoor lighting using solar power, featuring a motion sensor and multiple lighting modes. This manual provides essential information for the safe and effective use of your new solar flood lights. Please read it thoroughly before installation and operation.

Image: Two OKPRO Solar Flood Lights Outdoor, showcasing their octagonal design, integrated LED panels, and central motion sensors.

2. SAFETY INFORMATION

- Ensure the installation surface is stable and can support the weight of the light fixture.
- Do not disassemble or modify the product. Unauthorized modifications may void the warranty and pose safety risks.
- Keep the solar panel clean to ensure optimal charging efficiency.
- Avoid direct eye exposure to the LED light when it is on, as it is very bright.
- This product is designed for outdoor use only. Do not install indoors.
- Keep out of reach of children.

3. PACKAGE CONTENTS

Your OKPRO Solar Flood Lights Outdoor package includes the following items:

- 2 x OKPRO Solar Flood Lights Outdoor (Model: S-168XBJ)
- 1 x Remote Control
- Mounting Screws and Wall Plugs
- User Manual (this document)

Image: A detailed diagram illustrating the components of the solar flood light, including its dimensions, sensor locations, and the accompanying remote control and mounting hardware.

3. PACKAGE CONTENTS

4. SPECIFICATIONS

Feature	Specification

Feature	Specification
Brand	OKPRO
Model Number	S-168XBJ
Light Source	168 LED Beads
Color Temperature	6500K (White Light)
Brightness	30000 Lumen
Wattage	300 watts (equivalent)
Power Source	Solar Powered (1 Lithium Ion battery included)
Material	Durable ABS Plastic
Water Resistance	IP66 Waterproof
Special Features	Motion Sensor, Adjustable Height, Energy Efficient, Remote Control
Product Dimensions	7.87"L x 1.18"W x 13.58"H (approx.)
Item Weight	2.07 pounds

5. SETUP AND INSTALLATION

5.1 Initial Charge

Before first use, it is crucial to charge the solar panel for 8-12 hours under direct sunlight. This ensures the internal battery is sufficiently charged for optimal performance.

5.2 Choosing an Installation Location

Select a location that receives direct and unobstructed sunlight for the majority of the day. Avoid areas shaded by buildings, trees, or other obstacles, as this will significantly reduce charging efficiency and affect the light's performance.

Image: A close-up view of the upgraded solar panel, emphasizing its design for boosted efficiency.

5.3 Mounting Instructions

1. **Mark Drilling Points:** Hold the light fixture against the desired wall or pole surface. Use a pencil to mark the positions for the mounting screws.
2. **Drill Holes:** Drill holes at the marked positions using an appropriate drill bit for your wall material. Insert the wall plugs if necessary.
3. **Secure the Light:** Align the light's mounting bracket with the drilled holes. Insert and tighten the mounting screws to secure the light firmly to the surface.
4. **Adjust Angle:** The light features a 180° adjustable bracket. Adjust the angle of the light and the solar panel to ensure maximum sun exposure for charging and optimal light coverage for illumination.
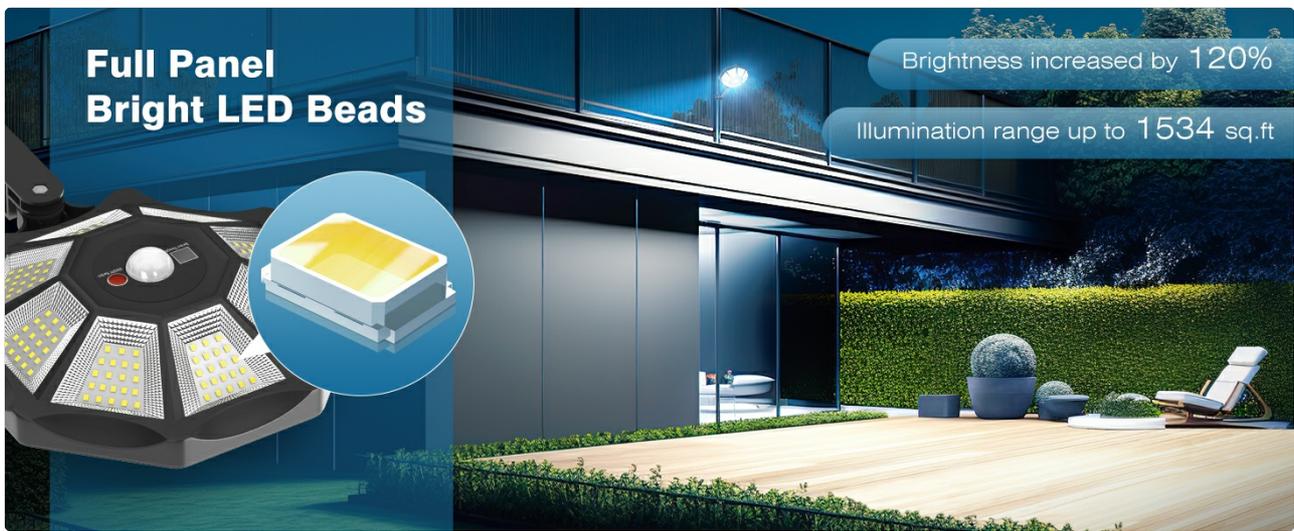
Full Panel Bright LED Beads

Brightness increased by 120%

Illumination range up to 1534 sq.ft

Image: Illustration demonstrating the 180-degree free adjustment capability of the light's mounting bracket, allowing for flexible positioning.

6. OPERATING INSTRUCTIONS

The OKPRO Solar Flood Lights feature an intelligent radar sensor chip and can be controlled via the included remote.

6.1 Powering On/Off

Locate the ON/OFF switch on the light unit. Press it to activate the light. Alternatively, use the ON/OFF buttons on the remote control.
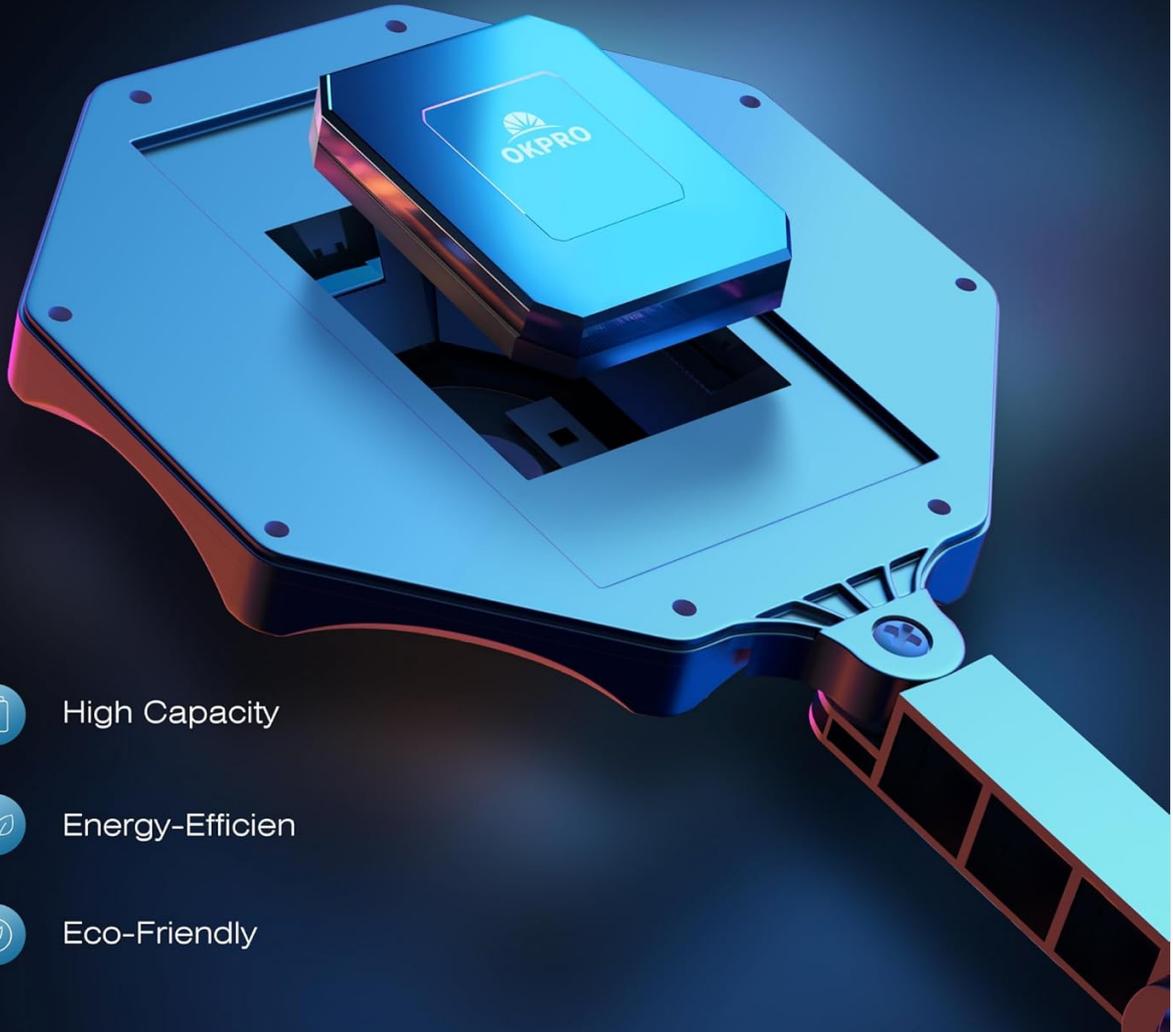
6.2 Lighting Modes

The light offers three distinct operating modes, selectable via the remote control:

- **Mode 1 (Motion Sensor Full Brightness):** When motion is detected, the light illuminates at 100% brightness. It automatically turns off when no motion is detected for a period.

- **Mode 2 (Motion Sensor Dim to Bright):** When motion is detected, the light illuminates at 100% brightness. After 30 seconds of no motion, it automatically dims to 30% brightness.

- **Mode 3 (Constant Dim Brightness):** The light automatically turns on at night and stays on at 50% brightness continuously until dawn or battery depletion.

2400 Mah
New Energy Battery

- High Capacity
- Energy-Efficien
- Eco-Friendly

Image: Visual representation of the three lighting modes, showing how the light behaves in response to motion and ambient light conditions.

Garage

Image: The remote control for the solar flood light, detailing its buttons for power and mode selection, alongside a clear explanation of each mode's function.

7. Maintenance

To ensure the longevity and optimal performance of your OKPRO Solar Flood Lights, follow these simple maintenance guidelines:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures maximum sunlight absorption and charging efficiency.
- **Inspect for Damage:** Periodically check the light fixture and mounting bracket for any signs of damage, corrosion, or loose connections.
- **Battery Care:** The integrated Lithium Ion battery is designed for long-term use. Avoid prolonged periods of storage without charging, as this can reduce battery life. If storing for an extended period, ensure the light is fully charged before storage and recharge every few months.
- **Waterproof Rating:** The IP66 waterproof rating protects against strong jets of water and dust. While durable, avoid submerging the unit in water.

Boosted Efficiency by 30%

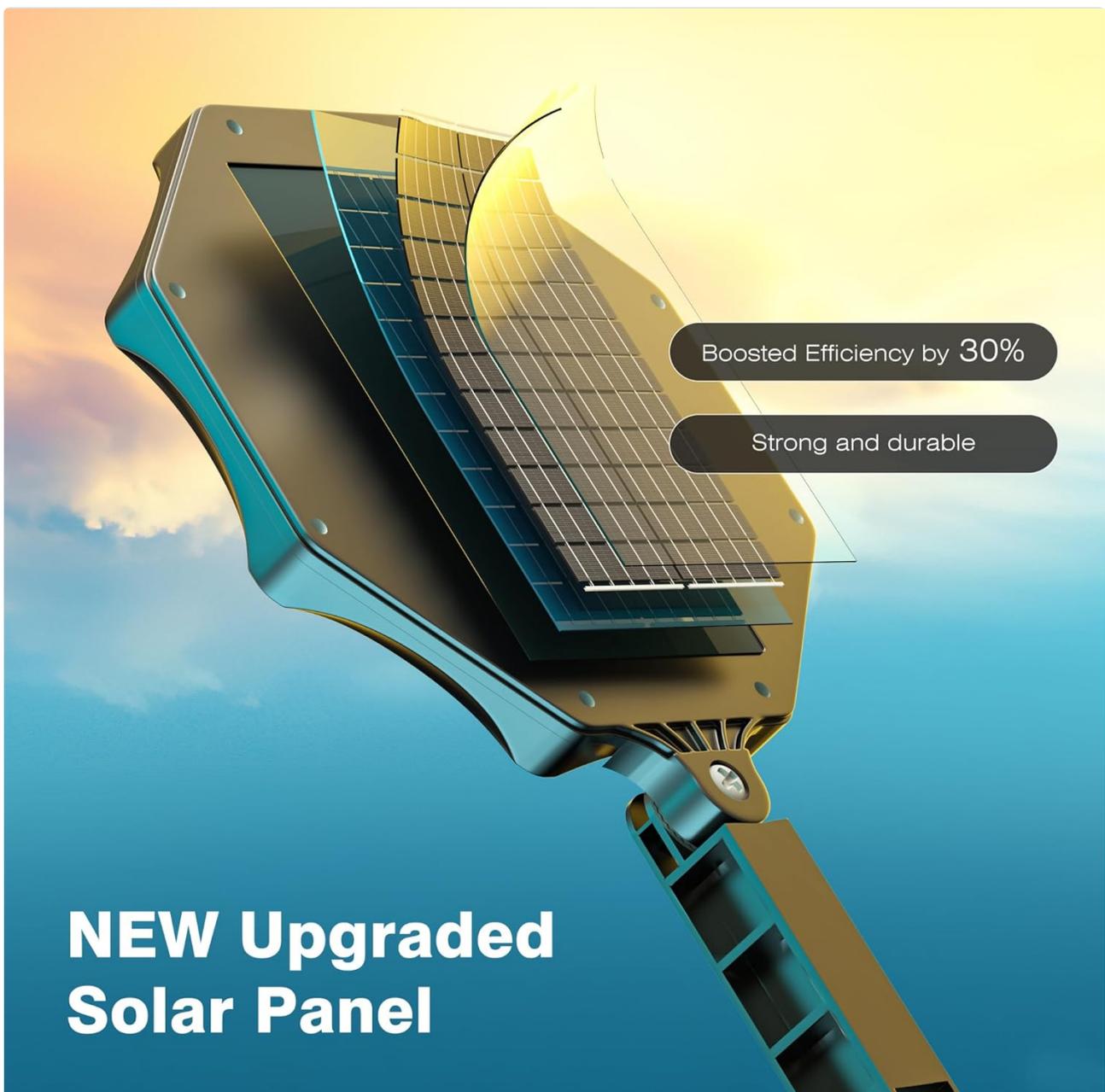Strong and durable

NEW Upgraded Solar Panel

Image: The solar flood light enduring rainfall, visually confirming its IP66 waterproof construction, suitable for various outdoor weather conditions.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	Insufficient solar charge.	Ensure the solar panel is in a location receiving direct sunlight for 8-12 hours daily. Clean the solar panel surface.
Light flickers or has low brightness.	Low battery charge or dirty solar panel.	Allow the light to charge for a full day in direct sunlight. Clean the solar panel.
Motion sensor not working or too sensitive.	Sensor obstructed or incorrect mode selected.	Ensure the sensor is clear of obstructions. Verify the selected lighting mode using the remote control.
Remote control not responding.	Remote battery depleted or out of range.	Replace the remote control battery. Ensure you are within effective range of the light's IR receiver.

9. WARRANTY AND SUPPORT

OKPRO Solar Flood Lights are warranted for 2 years from the date of purchase. This limited warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any questions regarding your product, please contact OKPRO customer service through the retailer where you purchased the product or visit the official OKPRO store on Amazon:

Visit the OKPRO Store on Amazon

Please have your purchase receipt and product model number (S-168XBJ) ready when contacting support.