

Tuffenough 797430535195

Tuffenough Solar Outdoor Lights with Motion Sensor

Model: 797430535195

INTRODUCTION

Thank you for choosing the Tuffenough Solar Outdoor Lights with Motion Sensor. This manual provides essential information for the proper installation, operation, and maintenance of your new solar lights. Please read these instructions carefully before use and retain them for future reference.

PRODUCT OVERVIEW

The Tuffenough Solar Outdoor Lights are designed to provide efficient and reliable outdoor illumination. Featuring a high-efficiency solar panel and advanced motion sensors, these lights offer enhanced security and convenience for your outdoor spaces.

Key Features:

- **Long-life Solar-powered Spotlight:** Built-in rechargeable battery with a high-efficiency solar panel ensures charging even in less light conditions. Converts sunlight into electricity and lights up at night when motion is detected, reducing carbon emissions and saving on electricity bills.
- **Super Bright Solar Motion Lights:** Equipped with 423 LED lights, producing up to 2500 LM. Designed with 4 rotatable light heads, allowing adjustment in multiple directions to illuminate larger areas.
- **Motion Sensor Outdoor Lights:** Features upgraded dual PIR motion sensors, detecting motion at 16-40ft distance within a 180° detection angle. Stays off during the daytime for charging and automatically turns ON at night when triggered by humans or animals.
- **3 Working Modes:** Easily switch between three distinct lighting modes using a button.
- **IP65 Waterproof & Easy Installation:** Made of durable material with IP65 waterproof rating, ensuring functionality in heavy rain and snowstorms. Easy to install without complex wiring or adapters.

High Efficiency Solar Panel

Charging speed increased by 25%

Solar Thin Film Panel



Image: Tuffenough Solar Outdoor Light, showcasing its 4 adjustable LED heads and integrated solar panel.



Image: Illustration of the 4-head solar outdoor light providing wide-angle illumination.

Product Features Video:

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Video: A quick overview highlighting the key features of the Tuffenough Solar Outdoor Lights.

PACKAGE CONTENTS

Upon opening your package, please ensure all items are present and in good condition:

- Tuffenough Solar Outdoor Light Unit(s)
- Mounting Screws
- Instruction Manual (this document)

SETUP AND INSTALLATION

Pre-Installation Notes:

- For optimal performance, fully charge the solar lights in direct sunlight for at least 2 days before initial use.
- Choose an installation location that receives ample direct sunlight throughout the day to ensure maximum charging efficiency. Avoid shaded areas.
- Recommended installation height: 6.5-8 feet (2-2.4 meters) for optimal motion detection and light coverage.

Installation Steps:

1. **Prepare the Light:** Before mounting, locate the button switch at the back of the solar light. Select your desired operating mode (Mode 1, 2, or 3) by pressing the button.
2. **Mark Drill Holes:** Hold the mounting bracket against the wall at your chosen installation spot. Use a pencil to mark

the positions for the drill holes.

3. **Drill Holes:** Drill holes at the marked positions. Insert the provided wall anchors if installing into masonry or drywall.
4. **Attach Mounting Bracket:** Secure the mounting bracket to the wall using the provided screws.
5. **Mount the Light:** Slide the solar light unit onto the secured mounting bracket. Ensure it clicks firmly into place.
6. **Adjust Light Heads:** Adjust the 4 rotatable light heads and the solar panel to your preferred angles for optimal illumination and sun exposure.



Image: Step-by-step visual guide for mounting the solar light.



Image: The solar light unit securely installed on an exterior wall.

Installation Demonstration Video:

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Video: A demonstration of the unboxing and installation process for the solar outdoor lights.

OPERATING INSTRUCTIONS

The Tuffenough Solar Outdoor Lights feature three distinct operating modes, selectable via the button switch on the unit. Each press of the button cycles through the modes.

Available Modes:

- **Mode 1 (Sensor Mode):** The light remains off until motion is detected. Upon detection, it turns on with strong brightness and turns off 25-30 seconds after motion ceases.
- **Mode 2 (Always On Dim Mode):** The light turns on at 10% brightness in darkness or at night and stays on for 8 hours. It then turns off automatically.
- **Mode 3 (Dim-to-Bright Mode):** The light stays on at a dim level in darkness. When motion is detected, it brightens to full intensity and returns to dim after people leave.

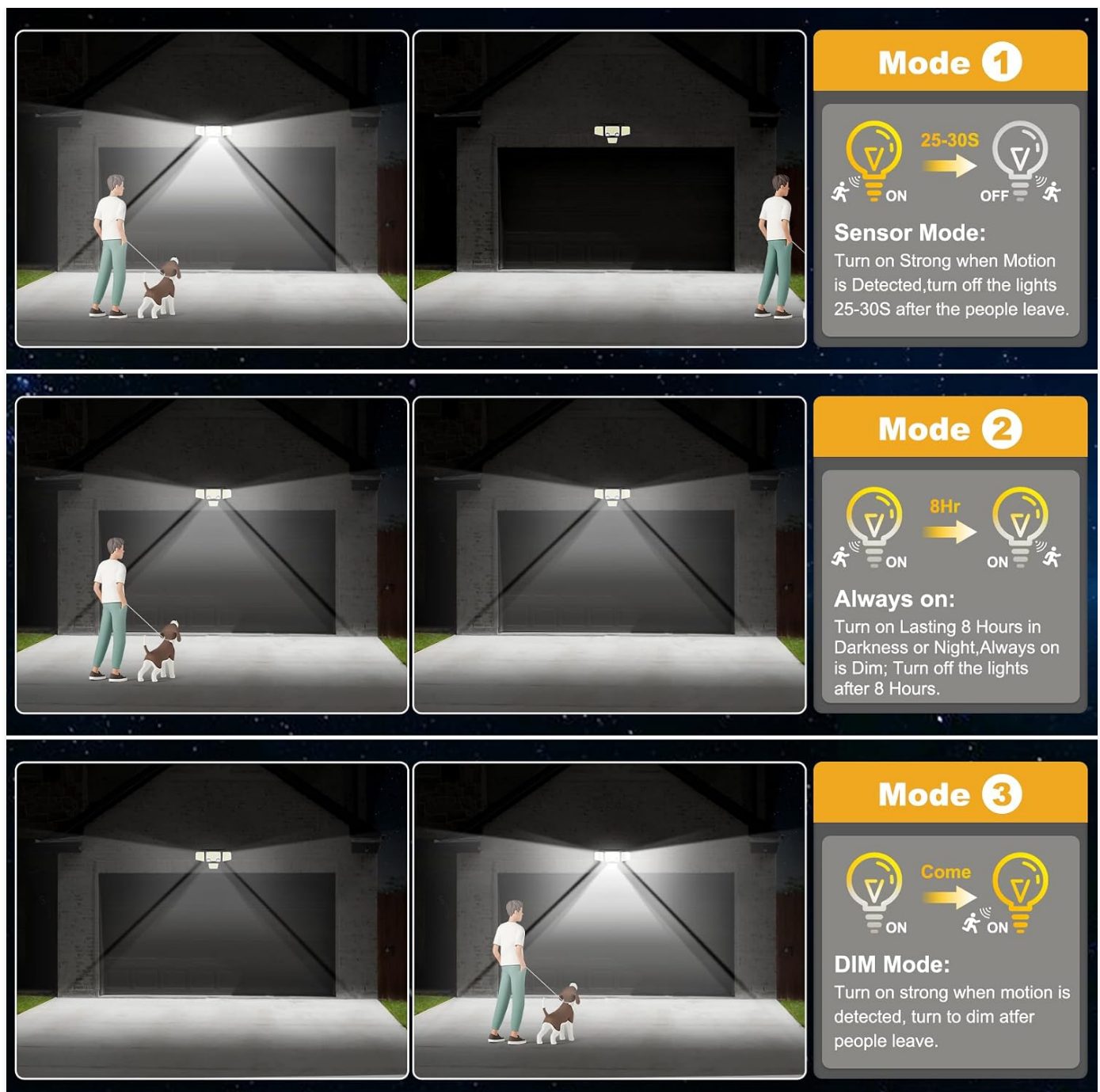
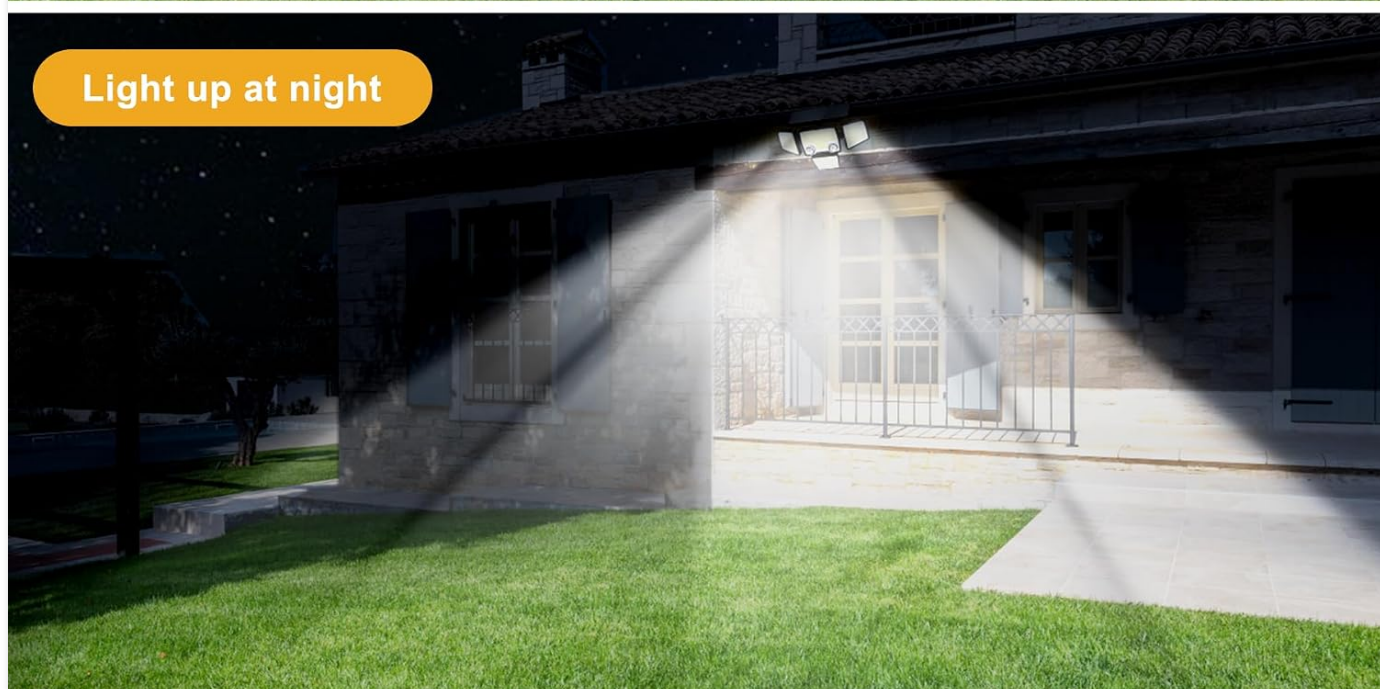


Image: Visual representation of the three distinct operating modes.



Charge at daytime



Light up at night

Image: The solar light unit charging during the day and providing illumination at night.

MAINTENANCE

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

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures efficient sunlight absorption and charging.
- **Check for Obstructions:** Periodically check that no new obstructions (e.g., growing branches, new installations) are blocking direct sunlight from reaching the solar panel.
- **Inspect for Damage:** Occasionally inspect the light unit for any physical damage, loose connections, or signs of wear. Address any issues promptly.
- **Battery Care:** While the battery is long-life, extreme temperatures can affect its performance. Ensure the light is installed in a location suitable for outdoor conditions.

TROUBLESHOOTING

If you encounter any issues with your solar outdoor lights, please refer to the following common troubleshooting steps:

- **Light Not Turning On at Night:**
 - Ensure the light is switched ON and set to the desired mode.
 - Verify the solar panel is receiving direct sunlight for at least 6-8 hours daily. Relocate if necessary.
 - Check for any light sources nearby (e.g., streetlights) that might be tricking the sensor into thinking it's daytime.
- **Motion Sensor Not Detecting:**
 - Ensure the motion sensors are clean and free from obstructions.
 - Confirm the light is installed within the recommended height and the detection angle is clear.
 - Test different modes to ensure the sensor is active.
- **Light Brightness is Low or Short Duration:**
 - The solar panel may not be getting enough sunlight. Clean the panel and ensure it's in a prime sun exposure location.
 - Cold weather can affect battery performance. Allow the battery to warm up if temperatures are very low.
 - The battery might not be fully charged. Allow for a few days of full sun charging.

SPECIFICATIONS

Feature	Detail
Brand	Tuffenough
Model Name	Solar Outdoor Lights with Motion Sensor
Model Number	797430535195
Light Source Type	LED (423 LEDs)
Brightness	2500 Lumen
Motion Sensor Detection Angle	180°
Motion Sensor Detection Distance	16-40ft
Water Resistance Level	IP65 Waterproof
Power Source	Battery Powered, Solar Powered
Control Method	Touch (Push Button)
Installation Type	Wall Mount
Material	Plastic
Product Dimensions	10.59"L x 8.8"W x 5.5"H
Item Weight	3.05 pounds

WARRANTY AND SUPPORT

Tuffenough products are manufactured to the highest quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the product packaging or our official website for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact our customer service team:

- **Email:** support@tuffenough.com (Example)
- **Phone:** 1-800-XXX-XXXX (Example)
- **Website:** www.tuffenough.com (Example)

Our customer service is available 7 days a week, 24 hours a day to assist you.

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