

## Aqonsie Solar Barn Light Outdoor

# Aqonsie Solar Barn Lights with Motion Sensor Instruction Manual

Model: Solar Barn Light Outdoor

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Aqonsie Solar Barn Lights. These lights feature 3 lighting modes and a motion sensor, designed for outdoor use in various environments such as barns, sheds, chicken coops, and porches. They are waterproof and heat-resistant, ensuring reliable performance in diverse weather conditions.

## WHAT'S IN THE BOX

- Aqonsie Solar Barn Light(s)
- Instruction Manual
- Screws
- Screw Sleeves
- Mounting Hardware

## SPECIFICATIONS

Feature	Detail
Brand	Aqonsie
Model Name	Solar Barn Light Outdoor
Color	Black
Material	Aluminum, Plastic

Style	Retro
Power Source	Solar Powered
Special Features	Motion Sensor, Waterproof
Water Resistance Level	IP65 Waterproof
Light Source Type	LED
Brightness	300 Lumen
Light Color	2700K-3200K Warm Light
Product Dimensions	8.6"L x 6.7"W x 6.7"H
Installation Type	Wall Mount

## SETUP AND INSTALLATION

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Follow these steps for proper installation and optimal performance:

- 1. Initial Charge:** Before installation and use, please charge the solar light for 6-8 hours under direct sunlight. This ensures the battery is fully charged for initial operation.
- 2. Choose a Location:** Select a good sunshine place for installation. The solar panel must receive direct sunlight without any shelter to ensure efficient charging. Ideal installation height is 8-12 feet.
- 3. Mount the Bracket:** Drill 4 suitable holes where you want to install the light. Insert the expansion pillar-hinges. Fix the fixed base and aluminum bracket to the wall using the provided screws.
- 4. Attach the Light:** Connect the aluminum bracket and the solar light with screws. Ensure the solar panel faces the sunlight.
- 5. Test Functionality:** To check if the light can work, cover the solar panel in the daytime and press the "ON/OFF" switch. If it lights up, it's working correctly. In the evening, simply press the "ON/OFF" button to check it.

# Easy to Install & Use

Ideal installation height is 8-13 feet



1. Please charge the solar light for 8 hours under the sunshine before installation and use.



2. Please cover the solar panel to test if work well after 8 hours of charging.



3. Fix the fixed base and aluminum bracket to the wall by screws.



4. Connect the metal bracket and the solar light with screws, insure the solar panel to face the sunlight.

Image: Step-by-step guide for installing the Aqonsie Solar Barn Light, including charging, selecting location, mounting the bracket, and attaching the light fixture.

Your browser does not support the video tag.

Video: A user demonstrates the unboxing and installation process of the Aqonsie Solar Barn Light on a shed, including mounting the bracket and attaching the light. The video also shows the light's performance at night.

## OPERATING INSTRUCTIONS

The Aqonsie Solar Barn Light features 3 distinct lighting modes, selectable via the "MODE" button. The light automatically charges during the day and illuminates at night or in dark conditions.

# 3 Lighting Modes

Press the "MODE" button to switch the lighting mode



**Mode 1 :**  
Human Body  
Induction + Dim Light  
Mode:  
(Indicator light is red)



**Mode 2:**  
Induction Mode:  
(Indicator light is green)



**Mode 3:**  
Always Light Mode:  
(Indicator light is blue)



Image: Visual representation of the three lighting modes: Mode 1 (Dim to Bright with motion, red indicator), Mode 2 (Off to Bright with motion, green indicator), and Mode 3 (Constant ON, blue indicator).

## 1. **Mode 1: Dim to Bright with Motion (Indicator light is red)**

The light stays on as a dim light throughout the night. When the motion sensor detects movement (person or animal), it brightens for approximately 20 seconds. It returns to dim light after no further motion is detected.

## 2. **Mode 2: Off to Bright with Motion (Indicator light is green)**

The light remains off until the motion sensor detects movement within its sensing area. It automatically turns on for approximately 20 seconds and then turns off if no further movement is detected.

## 3. **Mode 3: Constant ON at Nighttime (Indicator light is blue)**

The light will always remain on at night without any induction function, providing continuous illumination.

To switch between modes, press the "MODE" button located on the light fixture. The indicator light color will change to reflect the selected mode.

Your browser does not support the video tag.

Video: This video demonstrates the installation of the solar barn light on a chicken coop and showcases its functionality at night, highlighting the motion sensor feature and overall illumination.

## MAINTENANCE

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To ensure optimal performance and longevity of your solar barn light, regular maintenance is recommended:

- **Solar Panel Cleaning:** Keep the solar panel clean. Dust, dirt, and debris can reduce charging efficiency. Wipe the panel periodically with a soft, damp cloth.
- **Clear Obstructions:** Ensure no trees, bushes, or other objects obstruct direct sunlight from reaching the solar panel.
- **Battery Life:** The battery lifetime is more than 5 years. Do not replace the battery in the fire to avoid explosion.



Image: The Aqonsie Solar Barn Light is designed for all weather conditions, featuring heat resistance, IP65 waterproof rating, and frost resistance.

## TROUBLESHOOTING

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If your Aqonsie Solar Barn Light is not functioning as expected, consider the following:

- **Light Not Turning On:**

- Ensure the solar panel has received adequate direct sunlight for 6-8 hours.
- Verify that the "ON/OFF" switch is in the ON position.
- Check if the ambient light is too bright; the light is designed to operate in dark conditions.

- **Motion Sensor Not Responding:**

- Confirm the light is set to Mode 1 (Dim to Bright with motion) or Mode 2 (Off to Bright with motion).
- Ensure there are no obstructions blocking the motion sensor.

- **Reduced Brightness or Short Illumination Time:**

- Clean the solar panel to remove any dirt or debris.
- Relocate the light to an area that receives more direct sunlight for longer periods.
- Ensure the battery is fully charged. Cold weather can affect battery performance.

## WARRANTY AND SUPPORT

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The Aqonsie Solar Barn Light comes with a full warranty. For any questions, concerns, or warranty claims, please refer to the contact information provided in your product packaging or visit the official Aqonsie store online.

For additional support and product information, please visit the [Aqonsie Store](#).