

[Manuals.plus](#) /

> [Uonlytech](#) /

> Uonlytech Split Design Solar Wall Lamp with Motion Sensor (Model LM3GABNX209001931PTNQ) - Instruction Manual

Uonlytech LM3GABNX209001931PTNQ

Uonlytech Split Design Solar Wall Lamp with Motion Sensor

Model: LM3GABNX209001931PTNQ

INTRODUCTION

Thank you for choosing the Uonlytech Split Design Solar Wall Lamp. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new solar light. Designed for outdoor use, this lamp features 100 high-brightness LEDs, an intelligent motion sensor, and an IP65 waterproof rating, making it suitable for various outdoor environments such as gardens, patios, and pathways.

Please read this manual thoroughly before installation and keep it for future reference.

SAFETY INFORMATION

- Ensure the solar panel is installed in a location that receives direct sunlight for at least 6-8 hours daily to ensure optimal charging.
- Do not disassemble or modify the product. Unauthorized modifications may cause damage and void the warranty.
- Keep the product away from fire or high temperatures.
- This product is designed for outdoor use and is IP65 waterproof. However, avoid submerging it in water.
- Handle with care during installation to prevent damage to the solar panel or LED unit.

PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x Uonlytech Split Design Solar Wall Lamp (LED unit with motion sensor and separate solar panel)
- Mounting Screws and Wall Plugs
- Instruction Manual (this document)

PRODUCT FEATURES

- **Split Design:** Allows flexible placement of the solar panel for maximum sun exposure and the LED light unit for optimal illumination.
- **100 High-Brightness LEDs:** Provides powerful and efficient lighting with low color decay.
- **Intelligent Motion Sensor:** Automatically detects human movement to activate brighter illumination.
- **IP65 Waterproof Rating:** Ensures durability and reliable performance in various weather conditions, including rain, wind,

and snow.

- **Photocell Sensor:** Automatically switches the light to dim mode from dusk to dawn.
- **Long Illumination Time:** Provides full lighting for approximately 8 hours after a full charge.

01

Full lighting about 8 hours



02

Intelligent human body sensing function

03

Simple installation and safe fixing



Image: Key features of the Uonlytech Solar Wall Lamp, highlighting 8-hour lighting, motion sensing, and easy installation.

SETUP AND INSTALLATION

Follow these steps for proper installation:

1. Choose a Location:

- Select a mounting location for the solar panel where it will receive direct sunlight for at least 6-8 hours daily, unobstructed by trees, buildings, or shadows.
- Choose a location for the LED light unit that provides the desired illumination coverage and is within range of the motion sensor. Ensure the cable connecting the solar panel and LED unit can reach both locations.

2. Mark Drilling Points:

- Hold the mounting bracket of the solar panel and the LED unit against the desired surfaces.
- Mark the positions for drilling holes using a pencil.

3. Drill Holes:

- Drill holes at the marked positions. Insert wall plugs into the drilled holes if installing on masonry or concrete.

4. Mount the Units:

- Securely attach the solar panel and LED light unit to the wall or desired surface using the provided screws.
- Adjust the angle of the solar panel to maximize sun exposure.

5. Connect the Cable:

- Connect the cable from the solar panel to the LED light unit. Ensure a secure connection.

6. Initial Charge:

- Allow the solar lamp to charge for at least 6-8 hours in direct sunlight before its first use to ensure the battery is fully charged.



SOLAR INDUCTION WALL LIGHT

Intelligent human body sensing function, the black light senses that when someone passes, the automatic light will light up

1

SOLAR INDUCTION WALL LIGHT

100 LED high-brightness lamp beads with low color decay and long service life

2



OPERATING INSTRUCTIONS

The Uonlytech Solar Wall Lamp operates automatically based on ambient light and motion detection.

- **Automatic Dusk-to-Dawn Operation:** The integrated photocell sensor will automatically turn the light on in a dim mode when dusk falls.
- **Motion Detection:** When the intelligent human body sensing function detects motion within its range, the light will automatically increase to full brightness.
- **Return to Dim Mode:** After approximately 15-30 seconds of no motion detection, the light will revert to its dim mode to conserve energy.
- **Daytime Charging:** During daylight hours, the solar panel will charge the internal battery, and the light will remain off.



Image: The solar wall lamp providing bright illumination at a garage entrance upon motion detection.

MAINTENANCE

To ensure optimal performance and longevity of your solar wall lamp, follow these maintenance tips:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, leaves, or snow. A clean panel ensures efficient charging.
- **Check Connections:** Periodically inspect the cable connection between the solar panel and the LED unit to ensure it remains secure and free from damage.
- **Clear Obstructions:** Ensure that no new obstructions (e.g., growing branches) are blocking direct sunlight from reaching the solar panel.
- **Battery Care:** The internal battery is designed for long-term use. If the light's performance significantly degrades over time, it may indicate the battery is reaching the end of its lifespan. Battery replacement is not user-serviceable.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on at night.	◦ Insufficient sunlight for charging. ◦ Solar panel is dirty or obstructed. ◦ Cable connection is loose or damaged. ◦ Battery is not charged or has reached end of life.	◦ Relocate the solar panel to an area with more direct sunlight. ◦ Clean the solar panel surface. Remove any obstructions. ◦ Check and secure the cable connection. ◦ Allow several days of full sunlight charging. If problem persists, contact customer support.
Light is dim or only stays on for a short period.	◦ Insufficient charging due to cloudy weather or poor panel placement. ◦ Battery capacity has decreased over time.	◦ Ensure the solar panel receives maximum direct sunlight. ◦ This is normal for older batteries. Consider replacing the unit if performance is unsatisfactory.
Motion sensor is not working correctly.	◦ Sensor is obstructed or dirty. ◦ Sensor range is too far or too close.	◦ Clean the sensor lens. ◦ Adjust the mounting height or angle of the LED unit.

SPECIFICATIONS

Brand	Uonlytech
Model Name	Wall Lights
Model Number	LM3GABNX209001931PTNQ
Color	Black
Material	Acrylonitrile Butadiene Styrene (ABS)
Light Source	100 LED

Power Source	Battery Powered (Solar Charged)
Indoor/Outdoor Usage	Outdoor
Waterproof Rating	IP65
Product Dimensions	5.83"L x 5.12"W x 1.42"H (14.8cm L x 13cm W x 3.6cm H approx.)
Item Weight	13.1 ounces (0.82 Pounds)



Image: Dimensional view of the Uonlytech Solar Wall Lamp, showing its length and width.

WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. For warranty details, technical support, or any inquiries regarding your Uonlytech Solar Wall Lamp, please refer to the seller's information on the purchase platform or contact Uonlytech customer service directly through their official channels. You can often find seller contact information on your order details page or by visiting the [Uonlytech Store on Amazon](#).

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

Open the live page

<https://manuals.plus/asin/B0F4P2XPTH>

More documents and user manuals: <https://manuals.plus/>