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## Solar Wall Mounted PIR Motion Sensor Lights KASOLPIRWALSA / KASOLPIRWALBA Quick Start Guide

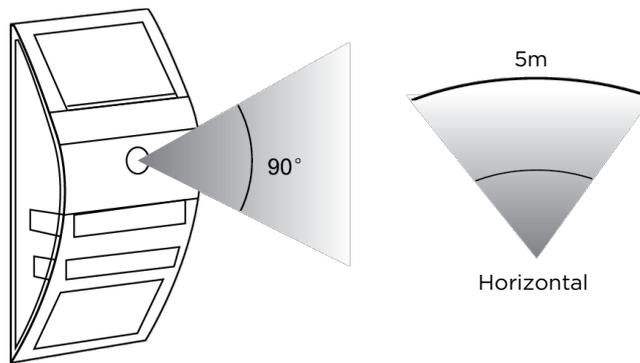
These instructions describe the best operating methods to ensure a prolonged service life. Please read these instructions carefully before operating your solar lights.

Using solar power and lithium battery technology, these lights are ideal for entryways, carports and other areas where electricity may not be readily available.

During the day, the solar panel fitted on top of each light will charge the battery. At dusk, only LED will activate automatically using the stored energy from the sun. Using PIR (passive infrared) technology, a second LED will activate when motion is detected.

### Features

- LED (Light emitting diode) activates automatically at night and remains on.
- Passive Infrared (PIR) motion sensor operates for up to 5 metres with a 90° detection range both vertically and horizontally.



### Positioning your Solar Lights

Your solar lights include a built-in photo sensor that detects the level of surrounding natural light and controls when your lights will automatically switch on and off. Your solar lights should be placed at least 1.5 metres apart from one another, and away from other night time light sources as this may keep the solar lights from turning on at dusk.

Your solar lights must be located in an area where they will receive maximum amount of full, direct sunlight every day.

At a bare minimum, your lights should be exposed to at least 4.5 hours of direct sunlight to charge the battery. Shady locations that do not allow the battery to charge fully will reduce the hours of night time light.

The performance of your solar lights is dependent on your geographical location, weather conditions and seasonal lighting availability. On cloudy days and during winter, your solar lights will not receive as much direct sunlight, resulting in reduced brightness and reduced operating times.

When locating a suitable location for your solar lights, remember that the PIR sensor detects an area of approximately 90 degrees horizontally and vertically, within a range of up to 5 metres.

The recommended mounting height for your solar lights is approximately 1.6 metres.

# Assembly & Installation

This pack should come complete with the following:

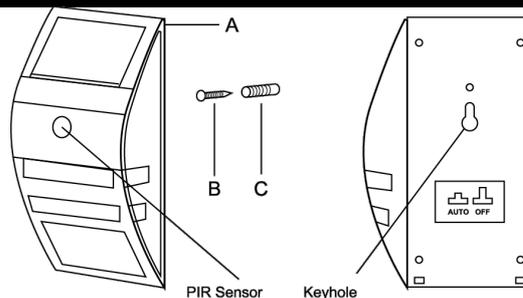
- 1 x solar wall lights with PIR sensor (Part A)
- 1 x fastening screw (Part B)
- 1 x plastic anchor (Part C)

To install your solar lights, follow the steps below:

Locate a wall or flat post where you wish to position your lights.

Before securing the lights to the surface, it is recommended that you first check the light effect at night to be sure you are completely happy with the position you have chosen, both for the lighting effect and the PIR sensor range.

It is also important to remember that lights must be installed in a location that will receive full sunlight each day.



## Concrete or Masonry Surface Installation

1. Drill a hole into the surface large enough to fit the plastic anchor (C) inside, then insert the anchor into the hole.
2. Insert screw (B) into the plastic anchor (C), leaving approximately 5mm projecting out from the surface.
3. Fix the solar light (A) to the surface by hooking the keyhole at the back of the light body over the mounted screw installed in the previous step.

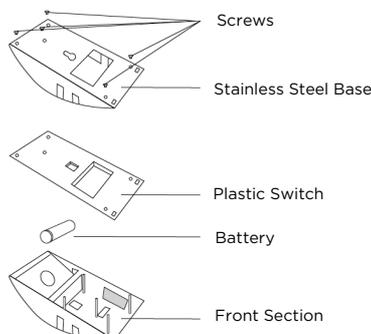
## Wooden or Plasterboard Surface Installation

1. Drill the screw (B) into the surface, leaving approximately 5mm projecting out from the surface.
2. Fix the solar light (A) to the surface by hooking the keyhole at the back of the light body over the mounted screw installed in the previous step.

# First Time Use

The battery in your solar light must be fully charged before first time use. To charge the battery, follow these steps.

1. Locate the AUTO/OFF push button at the back of the light body (A) and ensure it is in the OFF position.
2. Place the solar light in direct sunlight for a total period of 36-48 hours before first use. The light will achieve optimum light output after 4 days/nights exposure to sunlight, enabling the battery to fully charge.
3. After you have fully charged the battery in each light, push the AUTO/OFF button into the AUTO position. Your solar lights will then automatically switch on at dusk and charge during the daylight hours. The PIR motion sensor will also only activate the LED during night time hours.



# Battery Replacement

1. Remove the light body from its installed position and turn it upside down.
2. Using a small philips head screwdriver, remove the 5 screws securing the stainless steel base with the internal plastic housing of the light.
3. Lift off the plastic cover from the front section of the light to reveal the battery compartment.
4. Replace the old battery with a new rechargeable 14500#3.2V - 500MA Lifepo4 battery.  
The Lithium Battery included in this light should last for approximately 5 years depending on frequency of use.  
**IMPORTANT: When the battery life is exhausted, ensure that you recycle or properly dispose of the battery. DO NOT DISPOSE OF BATTERY IN A FIRE.**
5. Replace the plastic cover onto the front section of the light, taking care to align the AUTO/OFF rubber cover with the AUTO/OFF button inside the battery compartment. Press the cover down firmly until it clicks into place.
6. Reattach the stainless steel base over the plastic housing and secure the 5 screws that were removed in step 2.
7. Fully charge the battery by repeating the steps under the "First Time Use" section.

# Troubleshooting

If your solar lights do not automatically turn on at night, it may be caused by one of the following conditions:

- AUTO/OFF button has not been moved into the AUTO position.
- Battery is not fully charged or needs to be replaced.
- Battery may be loose or installed incorrectly.
- Solar light may be too close to another night time light source, including another solar light.
- If the LED controlled by the PIR is not activating, check to ensure that the light has been directed towards the detection area. Reposition if necessary.
- If the LED controlled by the PIR sensor is not remaining ON for a long period of time, please note that the activation time is determined by how close you are standing to the PIR sensor. This is to prevent false triggering and to preserve battery life.

NOTE: if you are standing at the outer edge of the 5 metre detection range, the LED may activate only for 20 seconds unless you move closer to the light.

If you have moved closer to the light and are within 20cm of the sensor, the light will remain on for a maximum of 40 seconds.

**If you have any further questions or concerns about the use of this product, please contact the Kogan.com customer support team.**