

# SS7516 Solar PIR Utility Light

## User Manual

READ AND FOLLOW ALL INSTRUCTIONS BEFORE OPERATING YOUR SOLAR LIGHT. SAVE THIS MANUAL FOR FUTURE REFERENCE

PLEASE CHARGE THE UNIT FOR 3 DAYS OF GOOD SUNLIGHT, OR 7 DAYS OF OVERCAST WEATHER, TO GIVE A GOOD BASE CHARGE TO THE BATTERIES.

### 1. Box Contents

Please check if the following parts are contained within the box:

1) Light unit	1pc
2) Solar panel ( with 5m double-cord electric wire )	1pc
3) Wall Bracket	1pc
4) Flat head screws	5pcs
5) Raw Plugs	5pcs

### 2. MAIN TECHNICAL SPECIFICATIONS

- No. of LED's: 15pcs
- PIR Sensitivity: 2~10 m
- Light operation time : 25 sec (once motion has ceased)
- PIR operation ambient luminance:<10Lux
- 0.6W Polycrystalline solar panel
- Rechargeable batteries: 3 x AAA Ni-MH 750MAH

### 3. HOW IT WORKS

In the daytime the panel absorbs sunlight which charges the battery. At night the light turns on when the movement sensor is triggered, and the battery powers the light.

### 4. INSTALLATION

#### a) Installing the solar panel

- Select a location to mount the solar panel. A sunny South facing location is best. The brighter the light falling on the face of the panel and the longer it is exposed to light the greater the charge your batteries will receive. We advise putting it on a wall or roof.
- The electric wire is about 5m long so bear this in mind when locating the solar panel and light.
- Attach the solar panel using the flat screws and raw plugs.
- Adjust the angle of solar panel to make sure it can collect as much sunlight as possible.

#### b) Installing the light

- Decide where to put your light. For example garden, garage, wall shed, back door, stairways, etc. Please note the PIR motion sensor (the white "bubble" on the front of the light unit) needs to be pointing to where you want any motion detected to operate the light.
- Using the flat head screws and raw plugs attach the bracket to where you wish to mount the light
- Slide the light unit into the bracket.
- Adjust the angle of the light head to make the light cover an area you want to illuminate.
  - Do not put the light in an area that is well lit at night, for example near a streetlight. Doing this may stop the sensor from knowing when it is night time and will stop the light operating.

### 5. OPERATING THE UNIT

- a) Plug the cable from the panel into the solar light unit.
- b) Please charge the unit for 3 days of good sunlight, or 7 days of overcast weather to give it a good base charge.
- c) Push the power button on the front of the light once to turn on.

## 6. TROUBLESHOOTING INFORMATION

### 1) The light is dim or flashes

*Batteries are not fully charged or may need replacing*

- The solar panel needs bright light to recharge the battery. Consecutive days of overcast weather may cause the battery to lose power. If this happens the solar panel will recharge on the next bright day.
  - Check your solar panel is in an area where it gets the maximum amount of direct light every day. After moving it allow 3 successive bright days for full charge with the switch in the "OFF" position.
  - Check for things obstructing light reaching the solar panel like overhanging branches, fences or buildings. If there are obstructions move the solar panel to a location receiving better light throughout the day.
  - Check the solar panel is clean. A dirty solar panel will not let the battery charge fully. This will shorten the life of the battery and stop the light operating. Clean the solar panel regularly with a damp cloth.
- ### b) Light not turning on
- Check for an external light source like a street light or porch light, this may be stopping the light sensor from knowing when it is dark. Move the light away from the external light source.
  - Check solar panel is plugged into lamp
  - Rechargeable battery may need charging overcast weather could have prevented the battery from recharging check to see if it works after the next sunny day.
  - After checking these problems observe the light after dark, if it still does not work then please contact us via the details below.

## CHANGING THE BATTERY

- 1) Unscrew cover from back of light
- 2) Remove old battery pack.
- 3) Replace with the same specification battery pack.
- 4) Remount cover.

Please recycle the old battery pack.



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