



Operating Instructions

60W / 36LED Dual Head Solar Spot Light

PatioPal-GS-SpotLight-36

Read And Follow All Instructions Before Operating Your Solar Light. Save This Manual For Future Reference.

1. Parts Contained

1) Battery Box With Dual Spotlight	1pc
2) High-Efficiency Solar Panel	1pc
3) Ground Stakes	2pcs

2. Installation

Solar spot light must be installed in a sunny location where it can receive maximum sunlight at daytime. Any cover, shade or shadowing will affect the solar panel to absorb sunlight and its function will be decreased.

The selected location should not be near a nightmare light source such as a porch light, street light, etc., as these lights might prevent the solar spot light from automatically turning on.

The **Battery Box** can be inserted into the ground using the provided ground stakes.

Make sure the solar panel faces south to make the solar panel to absorb maximum sunlight. The angle of the battery box can be adjusted.

The **Light Head** can be inserted into the ground by provided stakes too. Be careful not to damage the wires when you are connecting the light head and the battery box.

Turn the power switch ON and the light will operate automatically.

3. Troubleshooting

The performance of the solar light depends upon the amount of sunlight available during the daytime hours. Check out the possible causes of incorrect operation below:

1) Light Dim

- Make sure your solar light is located in an area where the solar panel gets the maximum amount of full, direct sunlight everyday.
- If the weather has been rainy or overcast during the day, the battery may not have fully charged for operation at night. This is normal. The solar light must have direct sunlight every day to fully charge the battery. If the solar light does not receive enough sunlight one day, it will recharge the next sunny day and resume normal operation.



Good Installation

The Solar Panel Is Unshaded



Bad Installation

The Solar Panel Is Shaded





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3. Troubleshooting

c. Check for obstructions to the solar panel: overhanging branches, shade from bushes, trees, fences, buildings and the like.

Relocate the solar panel to a sunnier location.

d. Dirty solar panel: a dirty solar panel will not allow the battery to fully charge. This will shorten the life of the battery and cause the light to malfunction. **Clean the solar panel regularly with a dampened cloth or paper towel. Don't use a strong detergent or acid based cleaners.**

After correcting the problem, check the light operation immediately after dark or in a dark room. If the light will only operate for a short time, the battery needs recharging.

2) Light Out

a. Check for an external light source: street light, porch light, flood light, etc - all of which may be preventing the spot light from automatically turning on at night.

b. The battery needs recharging

c. The battery may eventually wear out and not accept a charge. Replace the battery (lead acid, 6V, 4ah).

4. How To Change The Battery

- 1) Unscrew and remove the bottom plate from the battery box
- 2) Unscrew and remove the 2 "U" shaped plates that hold the battery in place
- 3) Remove the two terminals from the battery and remove the battery
- 4) Insert the new battery, connect the terminals and reclose the battery enclosure

*** Note: Please recycle your old battery - do not simply throw away**