

# i-Zoom®

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## SOLAR POWERED LED STRING LIGHT

### INSTRUCTIONS



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

## 1. CONTENTS

- Each box should include the following parts.

- |                                     |        |
|-------------------------------------|--------|
| 1. Solar Panel Box/LED String Light | 1 pc.  |
| 2. Stake Connector                  | 1 pc.  |
| 3. Pointed Stake                    | 1 pc.  |
| 4. Screws                           | 2 pcs. |
| 5. Dry Wall Anchors                 | 2 pcs. |

## 2. INSTALLATION

The solar panel box **MUST** be installed in a well-lit location where it can receive maximum sun light during daytime hours. Any cover that shades the panel will affect its ability to absorb sunlight and decrease the amount of brightness and duration of the LED lights. The string lights and solar panel box are weather resistant - they should not be affected by exposure to rain, snow or low temperature.

The solar panel has a light sensor; it will activate automatically at sunset and deactivate automatically at dawn. Its location should not be near a light source such as a porch light, street lamp, etc., as these lights might prevent the string light from automatically turning on. If possible, place the solar panel facing south to ensure the solar panel absorbs maximum sunlight.

The solar panel box can be positioned in the ground with the pointed stake or on a flat surface using the wall mounting bracket on the back of the solar panel box. The stake should be pushed into the ground until it is firmly in place. If the ground is too hard, soak the area with water to soften it. Once the stake is in place, attach the solar panel box by sliding the connector into the bracket on the back of the solar panel box. If you want to attach the solar panel box to a flat surface, use two of the provided screws to fasten the solar panel box to an appropriate surface; drywall anchors are provided if needed. Upon initial installation make sure that the switch is in the OFF position. Allow the unit to charge at least 8 hours for best performance, then switch the lights to "F" flashing mode or to "C" constant light mode. If you find that the lights become dim or stop working, they may not be getting enough sun light. Repeat the above operation.

Although your solar panel will continue to collect energy on cloudy, rainy or snowy days, the amount of energy collected will limit the time your lights illuminate. For example, a bright cloudy day will provide 3 -4 hours of illumination and a rainy or snowy day will provide up to 1-2 hours of illumination.

## 3. USE

Charge the battery for at least 8 hours before first use. Turn power switch to the "C" or "F" position to activate. If the power switch is left in the "C" Constant or "F" Flash position, the solar rope light will both turn on and off automatically based on the lighting conditions. Thus, your string light has a built in "timer" based on the actual variable times of both sunrise and sunset. To activate strobe light function, adjust switch to the "F" FLASH position. To return to steady light, turn switch to "C" Constant position.

NOTE: The battery will charge in both the ON and OFF position.

## 4. BATTERY CARE

The AA Ni-MH 800 mAh battery included with this product is rechargeable and should last for 500 recharges. Like all rechargeable batteries, however, it will eventually need to be replaced. If your lights should begin to illuminate dimly or for shorter durations of time, you should replace the rechargeable batteries in the following way:

1. Unscrew 4 connecting screws and remove bottom plate from the box.
2. Remove the old battery.
3. Replace battery with a new AA Ni-MH rechargeable battery – the mAh rating for the battery should be at least 800. Replace the bottom screws.

**IMPORTANT!** When storing any solar product for an extended period of time, be sure to remove the batteries. Storing any solar product without regular recharge or removal could cause permanent damage to the rechargeable batteries.

**DO NOT DISPOSE OF OLD BATTERIES – THEY SHOULD BE RECYCLED.**

## 5. IMPORTANT SAFETY PRECAUTIONS:

- ◆ **Electrical Shock Hazard!** Although it is weather-proof and safe for outdoor application, do not immerse the lighting set in any liquid.
- ◆ The LED's are a permanent part of the light string and cannot be replaced.
- ◆ Keep away from fires, heaters, candles or other sources of heat.
- ◆ This is a decorative item, not a toy for children!
- ◆ Never connect it with other lighting series.
- ◆ Do not operate the unit if the PVC cable coating is damaged.
- ◆ The lead cable should not be cut, shorten or stuck together. Doing so may result in a shock or fire hazard.
- ◆ The set cannot be operated in temperatures under -30°F or over 100°F.
- ◆ Do not use wires, steel clips or nails for installation.
- ◆ Do not cover or obstruct the lighting.
- ◆ Do not hang other objects from the LED string light.

### PROP 65 WARNING!

Handling the coated electrical wires of this product exposes you to lead, a chemical known to the State of California to cause cancer, birth defects and other reproductive harm. Wash hands after use.