Solar Lights Operating Instructions

Rechargeable Batteries:

Rechargeable batteries have been supplied with this MagenaStar® Solar light. You must activate the batteries before the solar light can be used. To do this:

1. Remove the four screws holding the top portion of the solar light. Remove the plastic tab covering the battery terminals. Replace the four screws holding the top portion of the solar light.
2. Test the batteries: The solar panel automatically turns the solar light off upon detecting sunlight. Cover the solar panel with your hand. The solar L.E.D lights should illuminate. Occasionally the batteries will drain prior to initial use. If this occurs, the solar light should be placed in direct sunlight for a period of up to two weeks before reaching full operating charge.

Battery Replacement:

You must NOT use regular alkaline batteries in this product. Replacement batteries must be rechargeable NiCaD AA, rated 600mAh or higher. Batteries can be purchased from any reputable electronics, hardware, camera or hobby store. Use of any other battery type will void warranty and may ultimately damage the solar light beyond repair. To replace the batteries, follow the steps 1 and 2 above, removing and replacing the existing batteries. NOTE: Do not touch or attempt to remove the L.E.D. light source. The batteries must be fitted as indicated by the diagram at the bottom of the battery chamber.

Frequently Asked Questions:

1. **What is the run time on the solar light?** Run time is based on the season, and location. Northern climates will have a run time during the summer of 8-12 hours, and 2-6 hours during the winter months. Southern climates sunlight is a direct correlation to run time – cloudy days will effect the run time. These lights need direct sunlight to charge the battery. Mounting under trees, under eaves, etc, will inhibit the ability to charge.

2. **How long will the solar lights last?** The L.E.D. bulbs are designed to last a lifetime. These are the highest quality and latest technology available today. The batteries are NiCad batteries. These are rated for approximately 1000 cycles, or roughly three years. Batteries are warranted for one year.

3. **My solar light will not light up?** The most common issue is the battery. It takes up to three weeks for a new solar unit to cycle to full capacity. Winter months will effect this cycle time as well, if installed in the middle of winter. To test a solar unit, remove the NiCad batteries, and install two size AA alkaline batteries. Cover the entire solar collector to test the unit. If the unit lights up, replace the NiCad batteries. **Caution:** Alkaline batteries should only be used for testing, and should be removed immediately after testing the unit. Do not leave alkaline batteries in the unit.