



Model LZ3008OB

Solar Garden Lights

READ INSTRUCTIONS BEFORE USING THIS PRODUCT

Enjoying Your New Solar Lights

You have purchased the top performing solar landscape lights available. Malibu SolarSelect landscape lights feature a Summer/Winter adjustment switch located on the back of the solar panel.

- High setting delivers the brightest output and will deliver approximately 1 hour of on-time for every hour of full sun. Use this setting from Spring into early Fall.
- Low setting lengthens on-time during late Fall through early Spring. During this time most locations receive fewer hours of full sun per day.

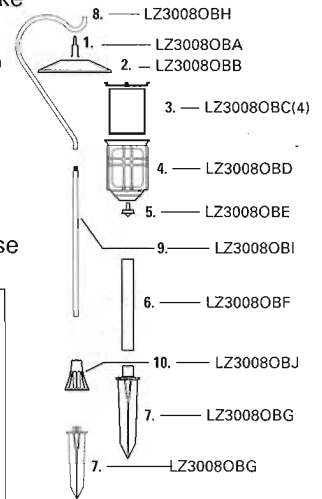
Your new solar lights use a solar panel to convert the power of the sun into electricity. The included rechargeable batteries store this energy to power the bright LED bulbs.

The amount of on-time will be dependent on the amount of full sunlight your lights receive the previous day. In general, if your lights receive 8 hours of full sun, you can expect 6 – 8 hours of on-time.

Malibu Solar lights will turn on automatically every evening as the sun sets. It is important to note that strong ambient lighting (porch/street lights) can prevent your lights from operating properly. If this occurs, eliminate or reduce the ambient light source or place the fixture in a darker location.

Parts List for Each Light

- | | |
|---|---------------------------------------|
| 1. Hanger | 6. Riser |
| 2. Cap with LED and installed AA rechargeable battery | 7. Ground stake |
| 3. Globe-Panels | 8. Shepherd's hook — top |
| 4. Cage | 9. Shepherd's hook — bottom extension |
| 5. Decorative bottom for hanging light | 10. Shepherd's hook — base |



Order missing, damaged, or defective parts for new purchases only at:

parts.intermatic.com

or

Call 800-492-2289

8:00 am – 4:30 pm, Monday – Friday
Central Standard Time

IMPORTANT: Please have product model number available before calling.

Figure 5

Assembly

- IMPORTANT:** Remove battery insulator strip from battery compartment (Figure 1). Your lights will not operate or charge if not removed.

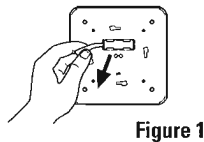


Figure 1

- Adjust Winter/Summer switch — Set to High (H) for brighter illumination in summer when charging hours are longer, set to Low (L) in winter to conserve power (Figure 2).

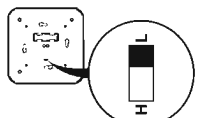


Figure 2

- Assemble cap to globe: note the slots and tabs on each of the parts and engage by twisting clockwise (Figure 3).

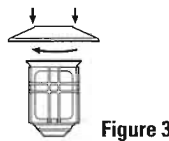


Figure 3

- Prepare for In-Ground Installation:** Push (or twist) riser into bottom of globe/cage assembly (Figure 4A). Push (or screw) on ground stake.

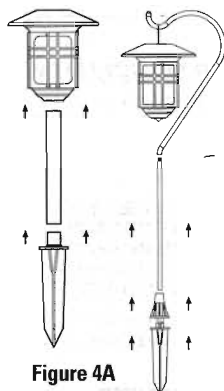


Figure 4A

OR

- Prepare for Shepherd's Hook Installation (Figure 4B).**

- Push (or twist) shepherd's hook extensions and top section together. Push (or screw) on shepherd's hook ground stake.
- Push (or twist) decorative bottom onto globe/cage assembly. Attach hanger to top of cap.

Figure 4B

Installation

- Locate and mark where you intend to install your Solar Landscape lights.
- Hold the fixture by gripping riser or shepherd's hook extension near the ground stake and push stake firmly into the ground (Figure 6A or 6B).

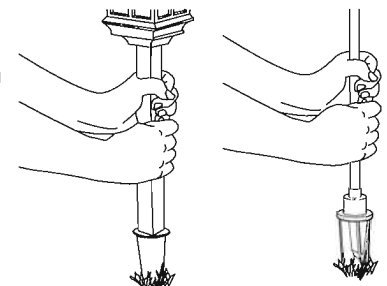


Figure 6A

Figure 6B

Note

You may damage your solar light if pressure is applied to the top of the light. This will damage the solar cell and electronics.

- If the ground is too hard, loosen the soil with water or dig a small pilot hole (Figure 7).
- After light is in place, firmly compact soil so light does not shift.

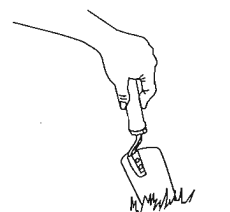


Figure 7

Battery Replacement

The rechargeable batteries provided are designed to recharge up to 1000 times in normal use. Therefore the batteries will need to be replaced after 2 – 3 years. Rechargeable batteries are available at most retail stores.

Recommended: Malibu replacement Nicad battery LZ90004 or equivalent (900mA capacity or greater).

Alternate: Malibu replacement Nickel Metal Hydride (NMH) LZ15004 or equivalent (1500mA capacity or greater).

1. Remove cap from globe (Figure 8).

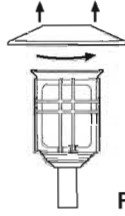


Figure 8

2. Remove and replace battery (it is helpful to use a small screwdriver to lift the end of the battery from the compartment) (Figure 9).

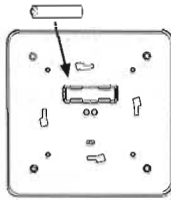


Figure 9

3. Replace the cap on the globe (Figure 10).

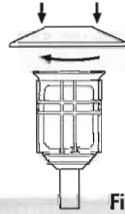


Figure 10

4. The batteries will need at least one cycle of sun recharging to operate normally.



Batteries must be recycled or disposed of properly.

Maintenance

Your solar lights require very little maintenance.

- Keep the solar cell at the tops of the fixtures clean and free of debris.
- Replace the rechargeable batteries every 2 – 3 years.

Seasonal and Weather Variations

- Your lights will naturally receive fewer hours of sunlight during the winter. Consequently your lights will not operate as long during this season (Figure 11).
- Cloudy days will affect your lights' ability to recharge the batteries, therefore your light on-time may be significantly less than after a day of full sunshine.



Figure 11

NOTICE

- Do not submerge in water, the product can be damaged.
- Do not repair or modify this product.
- This product is not a toy and must not be operated by children.

Troubleshooting Guide

Observed Problem	Possible Cause	What to Do
My lights do not turn on in the evening or only light for a short time.	Not enough sunlight — as a general rule, one hour of full sun equates to 45 minutes of on-time at night.	Make sure your lights are positioned to receive full sunlight. Shade from trees, shrubs or overhangs often block enough light to substantially reduce light on-time.
	Artificial lights can keep your lights from turning on at night.	Make sure your lights are located 6 – 8 feet away from bright light sources (porch, street lights).
	Batteries may be weak or near end of normal service life.	Replace batteries.

LIMITED TWO-YEAR WARRANTY

If within two (2) years from the date of purchase, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it, at its sole option, free of charge. This warranty is extended to the original household purchaser only and is not transferable. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to unauthorized repair, opened, taken apart or otherwise modified; (c) units not used in accordance with instructions; (d) damages exceeding the cost of the product; (e) sealed lamps and/or lamp bulbs, LED's and batteries; (f) the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear; (g) transit damage, initial installation costs, removal costs, or reinstallation costs.

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This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing the product, along with proof of purchase, postage prepaid to the authorized service center listed below. This warranty is made by: Intermatic Incorporated/After Sales Service/7777 Winn Rd., Spring Grove, Illinois 60081-9698/815-675-7000 <http://www.intermatic.com> Please be sure to wrap the product securely to avoid shipping damage.

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