



SOLAR BAMBOO LIGHT

Model 98109

ASSEMBLY AND OPERATION INSTRUCTIONS



Diagrams within this manual may not be drawn proportionally.

Due to continuing improvements, actual product may differ slightly from the product described herein.

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**Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.**

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For technical questions or replacement parts, please call 1-800-444-3353.

SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

IMPORTANT SAFETY INSTRUCTIONS

In this manual, on the labeling, and all other information provided with this product:



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous

situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a

hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION, used with the safety

alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to personal injury.

CAUTION

CAUTION, without the safety alert symbol, is used to address practices not related to personal injury.

READ AND UNDERSTAND ALL INSTRUCTIONS

When using the Solar Bamboo Light, safety precautions should always be followed including the following:

Work Area Safety

- a. **Dress Properly** - Wear ANSI-approved safety goggles and heavy-duty work gloves. Do not wear loose clothing or jewelry. Wear protective hair covering to contain long hair.
- b. **Stay Alert - Watch what you are doing.** Use common sense. Do not set up the Solar Bamboo Light when you are tired. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- c. **Keep children and bystanders away while operating this product.** *Distractions can cause you to lose control.*

Electrical Safety

1. Stay alert, watch what you are doing and use common sense when operating the Solar Bamboo Light. Do not use this product while you are tired or under the influence of **drugs, alcohol or medication**. A moment of inattention while operating the Solar Bamboo Light may result in serious personal injury.

2. Use the Solar Bamboo Light only with specifically designated batteries. Use of any other batteries may create a risk of injury and fire.
3. Ni-Cd batteries must be recycled or disposed of properly. Install Ni-Cd batteries only. Do not incinerate.
4. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
5. This product is not a toy. Keep it out of reach of children.
6. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure. In addition, people with pacemakers should:
 - Avoid operating alone.
 - Do not use with power switch locked on.
 - Properly maintain and inspect to avoid electrical shock.
 - Any power cord must be properly grounded. Ground Fault Circuit Interrupter (GFCI) should also be implemented – it prevents sustained electrical shock.

important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

3. Never look directly into the Solar Bamboo Light.
4. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



SAVE THESE INSTRUCTIONS.

General Safety

1. Do not use Solar Bamboo Light for other than intended use.
2. Inspect before use. Do not use if parts are loose or damaged. Maintain labels and nameplates on the Solar Bamboo Light. These carry

SPECIFICATIONS

Material	Injection molded Resin Plastic, solar panel with blue mono-crystalline cells
Charge Time	6-8 hours
Power Source	(2), AAA, 1.2V, 600 mAh, Ni-Cd rechargeable batteries (these batteries are included)

UNPACKING

When unpacking, check to make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at the number shown on the cover of this manual as soon as possible.

ASSEMBLY



Read the ENTIRE IMPORTANT SAFEGUARDS section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

1. Note: For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.
2. Choose a location that receives full, direct sunlight a minimum of eight hours a day. The location should not be near nighttime light sources such as porch lights or streetlights as this will cause the Light to remain off.
3. The Solar Bamboo Light must be set on a flat, even and stable surface. The Solar Light is water resistant to protect against normal daily elements. The Light is not waterproof and must not be set in water such as pools or ponds.

Figure 1



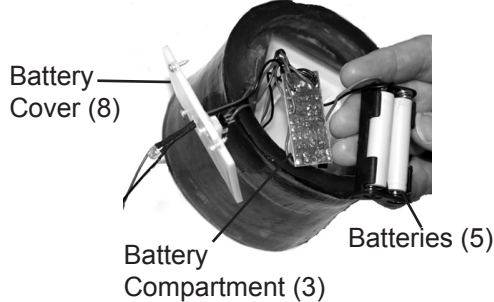
4. Twist off the Bamboo Cover (2) from the Bamboo Body (11). Remove the Battery Cover (8), see Figure 1 and “Replacing The Batteries” section on page 5. If the Batteries are covered by protective tape, remove the tape. Replace the Battery Cover.
5. During the day, the Solar Panel converts sunlight into electricity which recharges the batteries. The amount of light the Solar Panel receives depends on placement of the Light, geographic location and weather.
6. If the weather is cloudy and the panel did not receive a full charge, the Solar Light may not achieve the full eight hours of operating time. It will catch up on its own after two to three days of full sun.
7. Located under the Bamboo Cover (2) of the Solar Light is a panel with an On/Off Button (6) -see Figure 1. Pressing down on the On/Off Button (6) will turn the Light on or off. After the initial charge is set, check to see that the LEDs are on by viewing the

Bamboo Light at night or in a dark location.

8. If the LED (9) is not lit, press the On/Off Button (6) again until it is in the "ON" position-see Figure 1.

REPLACING THE BATTERIES

Figure 2



1. Before performing any maintenance, make sure the On/Off Button (6) is in the off position.
2. Located on the bottom of the Solar Light is a Battery Cover (8) held in place with four Screws (10)-see Figure 1. Place the Solar Light over a working surface that is flat and clear of debris so that you may easily retrieve the Screws if they are dropped. Using a small screwdriver (not included), remove each of the Screws (10). Place the Screws (10) in a secure location. Pull off the Battery Cover (8).
3. Remove the Batteries (5) and replace with two new Batteries-see Figure 2.
4. Make certain that the batteries are installed with the positive and negative poles as indicated. Use Ni-Cad Batteries only.
5. Replace the Battery Cover and thread in Screws.

INSPECTION AND MAINTENANCE

⚠ WARNING TO PREVENT SERIOUS INJURY

FROM ACCIDENTAL OPERATION OR ELECTRIC SHOCK:

Before light inspection or maintenance, make sure the Light switch is turned off, and the unit has cooled completely.

TO PREVENT SERIOUS INJURY FROM FAILURE:

Do not use damaged products.

BEFORE EACH USE, inspect the general condition of the Solar Bamboo Light. Check for loose screws, cracked or broken parts, and any other condition that may affect its safe operation.

1. When storing your Light indoors for more than 2 or 3 days, turn the On/Off Button to "OFF".
2. Store the Light in a dry location free of dust and debris. Make certain that the Light is out of reach of children. Storing the Light for prolonged periods may damage the light or decrease performance.
3. Keep the Solar Panel free from dirt and debris. A dirty Solar Panel will keep the batteries from charging. Clean regularly with a damp cloth.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

PARTS LIST					
Part	Description	Q'ty	Part	Description	Q'ty
1	Solar Panel	1	7	Circuit Board	1
2	Bamboo Cover	1	8	Battery Cover	1
3	Battery Compartment	1	9	LED	2
4	Spring	2	10	Screw	4
5	Battery-"AAA"	2	11	Bamboo Body	1
6	On/Off Button	1			

ASSEMBLY DIAGRAM

