

# Owner's Manual & Safety Instructions

**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.

REV 15c

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ITEM 62549

## 4 SMD LED SOLAR SHED LIGHT



Visit our website at: <http://www.harborfreight.com>  
Email our technical support at: [productsupport@harborfreight.com](mailto:productsupport@harborfreight.com)

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein.  
Tools required for assembly and service may not be included.

### **⚠ WARNING**






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

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## WARNING SYMBOLS AND DEFINITIONS

	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.
	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
	Addresses practices not related to personal injury.

## IMPORTANT SAFETY INFORMATION

### WARNING

**Read all safety warnings and instructions.**

*Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

**Save all warnings and instructions for future reference.**

1. **Keep installation area clean.**  
*Cluttered areas invite accidents.*
2. **Observe installation area conditions.**  
Keep work area well lit during installation.
3. **Check for damaged parts.**  
Before using any product, any part that appears damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for any broken or damaged parts and any other conditions that may affect its operation. Replace or repair damaged or worn parts immediately. Do not use the Security Light if any switch does not turn on and off properly.
4. **Replacement parts and accessories.**  
When servicing, use only identical replacement parts. Use of any other parts will void the warranty.
5. **Check hardware and assembled parts after assembling.** All connections should be tight and hardware tightened.
6. Verify that installation surface has no hidden utility lines before drilling or driving screws.
7. **Keep children away.** Mount the Light, Solar Panel, and Cord out of children's reach.
8. **Dress properly.** Protective, electrically non-conductive clothes and nonskid footwear are recommended when working with the Solar Powered Security Light. Wear restrictive hair covering to contain long hair.
9. **Use eye protection.** Wear ANSI-approved impact safety goggles when setting up this product.

10. **Maintain products with care.** Keep the Solar Powered Security Light clean for better and safer performance. Inspect the Light periodically. If damaged, have it repaired by a qualified technician.
11. **Do not overreach.** Keep proper footing and balance at all times. If a ladder is to be used during installation, it should be supported by an assistant.
12. **Do not set up the Solar Shed Light if under the influence of alcohol or drugs.** Read warning labels on prescriptions to determine if your judgement or reflexes are impaired while taking drugs. If there is any doubt, do not set up the Light.
13. **Have your product serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the product is maintained.*
14. **WARNING:** The cord of this product contains lead and/or di (2-ethylhexyl) phthalate (DEHP), chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm. Wash hands after handling. (California Health & Safety Code § 25249.5, *et seq.*)
15. 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.

## Lithium Battery Safety Warnings



**LITHIUM BATTERIES STORE  
A LARGE AMOUNT OF ENERGY AND  
WILL VENT FIRE OR EXPLODE IF MISTREATED:**



1. **Keep Battery dry.**
2. **DO NOT DO ANY OF THE FOLLOWING TO THE BATTERY:**
  - a. **Open,**
  - b. **Drop,**
  - c. **Short-circuit,**
  - d. **Puncture,**
  - e. **Incinerate, or**
  - f. **Expose to temperatures greater than 140°F.**
3. **Do not use or charge battery if damaged.**



**SAVE THESE INSTRUCTIONS.**

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## Specifications

Lamp	4 SMD LED
Battery	3.2V, 600mAh, Lithium
Solar Panel	4-5/8" x 3-1/8" Amorphous Silicon

## Setup - Before Use:



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

**Note:** For additional information regarding the parts listed in the following pages, refer to *Parts List and Diagram* on page 7.

## Installation

1. Decide where you want to place the Lamp and the Solar Panel. The Solar Panel is equipped with a 16 ft. connecting wire, so the Lamp and Solar Panel can be installed up to 16 ft. apart. **The Solar Panel must be set in a location that receives full, direct sunlight, a minimum of eight hours a day. Ideally, the solar panel should be angled slightly toward the south (northern hemisphere).**
2. Mount the Solar Panel:
  - a. Place the Solar Panel in the desired location, adjusting the unit to best fit the surface.
  - b. Mark the hole locations of the Base, then set the Solar Panel aside.
  - c. Verify that installation surface has no hidden utility lines before drilling or driving screws. Drill holes for the enclosed Screws and Anchor Sleeves.
  - d. Insert the Anchor Sleeves then secure the Solar Panel in place with the Screws.
3. Mount the Lamp:
  - a. Locate the unit six to eight feet above ground on a solid surface capable of supporting the Lamp and secure enough so that it will not move when exposed to vibrations or wind.
  - b. Mark the hole locations of the Mounting Bracket, then set the Lamp aside.
  - c. Verify that installation surface has no hidden utility lines before drilling or driving screws. Drill holes for the enclosed Screws and Anchor Sleeves.
  - d. Insert the Anchor Sleeves then secure the Lamp in place with the screws.
4. Carefully route the Power Cord of the Solar Panel to the Lamp and plug it into the Outlet on the back of the Lamp.

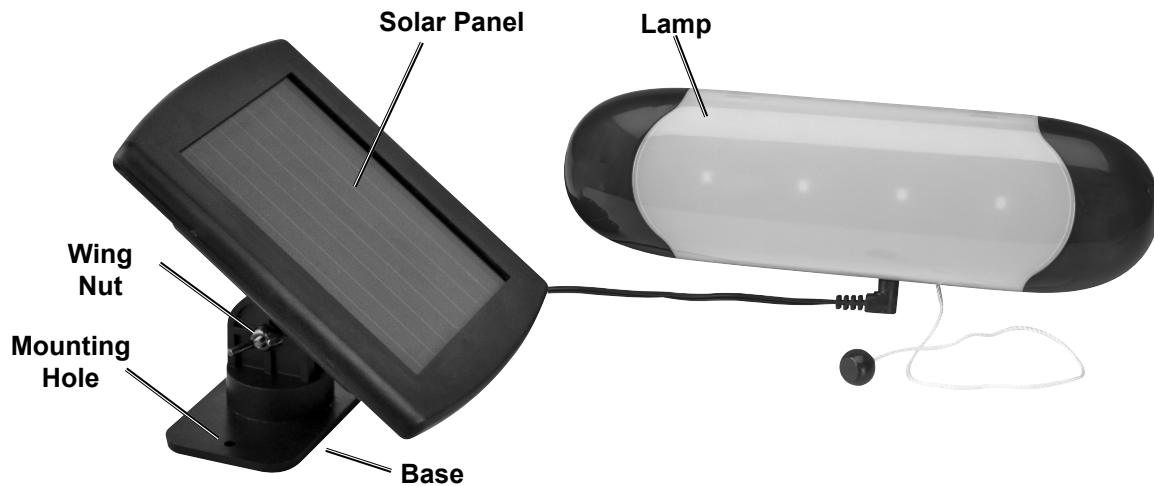
## Initial Battery Charging

Before the Shed Light can operate properly, the battery must be fully charged. To charge the battery:

1. Turn the Light OFF.
2. Allow the battery to charge for 36-48 hours of full sunlight.

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# Functions



## Operation



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

1. Pull Power Cord to turn Light ON.
2. Pull power cord again to turn light OFF.

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## Maintenance and Servicing



Procedures not specifically explained in this manual must be performed only by a qualified technician.

### **⚠️ WARNING**

**TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:**  
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.


## Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE**, inspect the general condition of the tool. Check for:
  - loose hardware,
  - misalignment or binding of parts,
  - cracked or broken parts, and
  - any other condition that may affect its safe operation.
2. **AFTER USE**, wipe external surfaces of the tool with clean cloth.

### Replacing the Batteries

The battery compartment is sealed. The battery is a high-quality lithium battery that will not need replacement during the typical life of this item.

## Troubleshooting

Problem	Possible Causes	Likely Solutions
Light won't turn on.	Battery not fully charged.	Keep solar panel clean. Allow to charge in full sunlight for 36-48 hours with the Power Switch OFF.
 <b>Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.</b>		

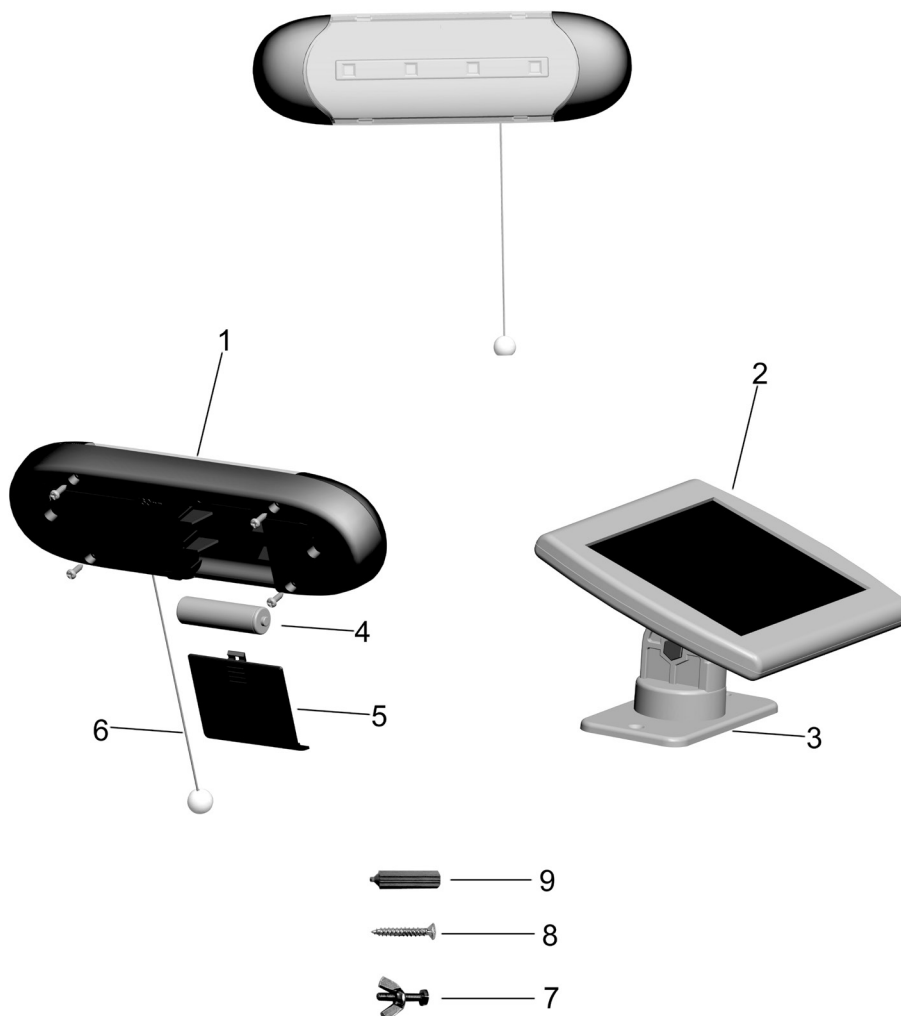
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## PLEASE READ THE FOLLOWING CAREFULLY

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.

Part	Description	Qty
1	Lamp	1
2	Solar Panel	1
3	Mounting Bracket	1
4	Battery	1
5	Battery Cover	1

Part	Description	Qty
6	Switch	1
7	Wing Nut And Bolt Set	1
8	Screw	2
9	Anchor Sleeve	2
10	Power Cord (Not Shown)	1



Record Product's Serial Number Here: \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

## Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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