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CHICAGO LOS ANGELES ATLANTA SHENZHEN, CHINA



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Model 5650

Advanced Optics 10-LED Solar Spotlight Set

Solar-powered illumination • Operates during nightfall



ADVANCED OPTICS 10-LED SOLAR SPOTLIGHT SET

Instruction Manual

Model 5650

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These instructions relate ONLY to this Solar Spotlight Set and contain important information for using the product for the first time. Please keep these instructions for later reference. They should always accompany the product in the event of transfer to a new user.

1. INTRODUCTION

Thank you for purchasing this Solar Spotlight Set. You have purchased a product that complies with the latest and most up-to-date solar technology available.

This product complies with the European and National Standards. The relevant certificates of conformity are held by STI Group.

To preserve these standards and in order to maintain safety you should adhere to the instructions for use detailed in this manual.

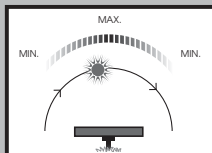
2. SECURITY INSTRUCTIONS

In the event of any problems arising or damage occurring as a result of misuse the manufacturers warranty will be deemed cancelled. The manufacturer is not responsible for any claims or damages arising from the misuse of this product.

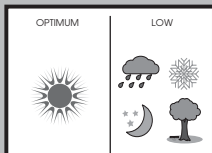
For safety reasons and in order to maintain standards (CE) you are prohibited from altering or changing any component in this Solar Spotlight Set.

Please follow the instructions very carefully.

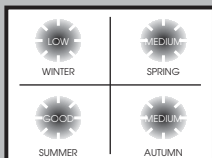
For commercial applications due care and attention must be paid to the Health and Safety Standards in your jurisdiction.



PANEL PERFORMANCE



CONDITION FUNCTIONALITY



SEASONAL FUNCTIONALITY



Connect each light to the connector plus on the solar power station



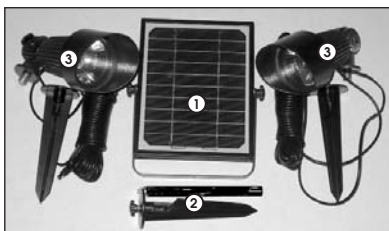
Connect each light to the provided stakes.

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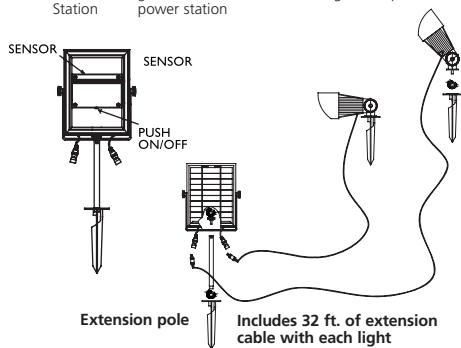
3. OVERVIEW

The Solar Garden Spotlight Set has been designed for outdoor use only. The solar panel in the solar power station converts sunlight into electricity, which is then stored in the integral rechargeable Ni-Mh battery pack. The lights switch on automatically when it gets dark and turn off automatically at daylight or when the battery pack is fully discharged. The source of light comes from specialized high performance Nichia Japanese LED's - 5 Super bright white LEDs are incorporated into each spotlight which provides a high level of brightness with very low power consumption. LEDs are not like light bulbs and are good for over 100,000 hours – essentially a lifetime. In order for the light to operate, the solar panel on the solar power station needs to be placed in direct sunlight. The performance of the spotlights depends on the charging of the battery and this is affected by the season of the year.

4. COMPONENTS



- 1. Solar Power Station
- 2. Extension rod and ground stake for power station
- 3. 2 x spotlight units with ground spikes



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5. ASSEMBLING AND USING YOUR PRODUCT

Unpack all components carefully.

Decide on a suitable location for the solar power station and stake into the ground. Insert the two spotlights in the desired location using the ground spikes. Connect the ends of the cables from the spotlights into the solar power station.

Note: Each cable is 32 feet long so you should make sure to position the power station in the center of the spotlights.

Depress the power switch on the underside of the battery pack on the solar power station to activate. **When the switch is "ON"** the solar panel will charge the battery and the spotlights will automatically switch on and off depending on light conditions.

When the switch is in the "OFF" position, the solar panel will charge the battery pack but the spotlights will remain off.

6. CLEANING AND MAINTENANCE

The solar module should only be cleaned with soft tissue and proprietary glass cleaning solution.

Removing/Replacing the battery pack:

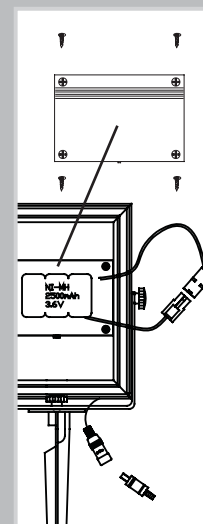
Use only original STI power packs for optimal performance. Unplug both spotlights from the solar power station.

Turn the solar power station solar panel side down on a soft surface. Unscrew the (4) crosshead screws at the four corners of the battery pack. Remove battery pack cover. Unscrew the (2) small crosshead screws holding the battery strap in place. Remove the battery pack and disconnect the large white connector.

Reconnect a new battery pack to the white connector and replace. Re-install the battery strap and secure with the (2) small screws. Re-install the battery pack cover and secure with the (4) crosshead screws.

Please note:

Used batteries must be disposed of carefully with regard to the environment and should NOT be put into the family waste.



Remove plate from the back side of the solar power unit to change the battery pack.

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7. TROUBLESHOOTING

Light does not switch on in darkness.

Check whether the switch is on "I" (on position).

Another light source (eg. streetlight) simulates daylight and prevents the light from switching on automatically.

Position the module in a darker place.

Light does not switch on at all or only for a short time even though there has been a full day of sunshine. In most cases the battery pack is flat and needs to be replaced. To be sure, set the switch to the "OFF" position for two days and charge the battery pack fully. After two days try to operate the unit. If the problem persists, you need to replace the battery pack.

8. TECHNICAL DATA

Operation voltage:	3.6 V
Solar module:	5v/600mA
Light source:	5x white Nicha LED (ea. light)
Battery pack:	3x 1.2v 2500mAh Ni-Mh
Battery operation capacity:	17 hr.

9. SPARE PARTS

Solar panel with battery pack: Item No. 5650-01

Spotlight: Item No. 5650-02

Battery pack: Item No. BP5650

10. 2 YEAR LIMITED WARRANTY

Please register your product within 7 days at:
www.stigroupinc.com/registration

If within 24 months from the date of purchase this product fails due to a defect in material or workmanship. STI Group will replace or repair it free of charge. You will need to provide proof of purchase and you may be required to send in the solar power station to the STI Group repair center for warranty.

The warranty does not apply to:

Damage caused by accidents, abuse, poor handling, frost or normal wear and tear. Products which have been subject to unauthorized repair or modification. Batteries are a normal wear item and need to be replaced periodically. For further information please contact your nearest service centre detailed on the last page of this instruction manual.