

Instruction manual

Solar lighting balls



3. Function and intended use

The solar light balls are suitable for outdoor use. The base material of the balls is synthetic resin. Either paint or ground sandstone is added to this material. This gives the product its special appearance.

The lighting unit is installed in the lower part of the sphere. The colour of the light can be selected by a switch between warm or cold white. The built-in battery is charged by the external solar module.

The crystalline solar module can be plugged into the ground via a ground spike and is connected to the lighting unit with a cable.

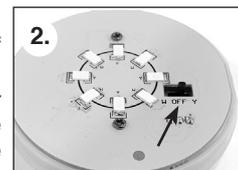
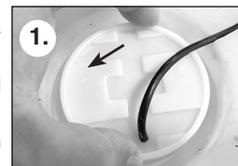
In sunshine it reliably charges the built-in battery. At night the light switches on automatically.

The solar module must be installed in a sunny, shadow-free location.

During the winter months, it is recommended to winter the solar flare in a warm, dry place. To do this, charge the battery on a sunny day and then switch off the solar light using the switch.

4. Commissioning

1. Carefully remove the parts from the packaging.
2. Turn the lighting unit at the bottom of the ball counterclockwise completely out (Fig. 1).
3. Slide the switch from the middle position to the „Y“ (warm white) or „W“ (cold white) position (Fig. 2).
4. Screw the lighting unit on the underside of the ball firmly back in clockwise.
5. Remove the protective foil from the solar module and insert the solar module into the ground within reach of the cable with the enclosed ground stake.
6. Connect the plug connection of the solar module with that of the lighting unit and secure the plug connection with the screw cap.



The solar light is now ready for operation!

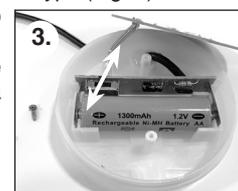
Note: The lighting duration is strongly dependent on the intensity and duration of the solar radiation during the day. In the spring and autumn months, less lighting duration is generally to be expected due to the low position of the sun. If the lamp does not light up on the first evening, please wait for a sunny day.

5. Changing the battery

On average, the battery in the solar light must be replaced every 2-3 years by a new battery of the same type and design. A Ni-Mh battery AA 1.2 V/ 1300 mAh is used here. You can obtain the replacement battery from your dealer or from the manufacturer at www.esotec.de

Please proceed as follows when replacing:

1. Unscrew the lighting unit on the underside of the ball completely counterclockwise.
2. Turn the switch to the „OFF“ position, loosen the two screws on the top of the cover and remove the cover.
3. Replace the battery with a new one of the same type (Fig. 3).
4. Close the cover again and screw the two screws back in firmly.
5. Now select your light colour and screw the lighting unit back into the ball firmly in a clockwise direction.



6. Malfunctions

Lamp does not switch on at night!

Remedy: Is the solar module illuminated by extraneous light (e.g. spotlights)? Position the solar module in a darker place!

Remedy: Is the light switched on?

Remedy: Has the battery in the light reached the end of its service life? As a rule, the batteries must be replaced with identical types every 2 years!

7. Technical data

- Solar module: 0.4 Wp crystalline
- Light source: 4 x warm white LEDs (2700 K)
4 x cold white LEDs (7500 K)
- Luminosity: approx. 30 lm
- Light duration: approx. 8-10 hours with full battery
- Spare battery: Ni-Mh AA 1.2 V/ 1300 mAh
- Protection class: IP 44
- Protection class: III

You can find all spare parts at www.esotec.de

Customer support:

If you have problems or questions regarding this product, simply contact us! esotec GmbH, Industriegebiet Weberschlag 9, D-92729 Weiherhammer

By phone: +49 9605-92206-0

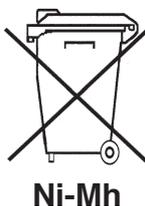
By e-mail for ordering spare parts: ersatzteil@esotec.de

By e-mail for questions about the product: technik@esotec.de

Manufacturer Item No.: 102673, 102674, 102675, 102676 and 102677

Battery take-back

- Batteries must not be discarded into domestic waste.
- The consumer is legally required to return batteries after use, e.g. to public collecting centers or to battery distributors.
- Contaminant-containing batteries are labeled with the sign "crossed-out trashcan" and one of the chemical symbols. Used batteries should be disposed environmentally friendly and should not be discarded into domestic waste. Your dealer is legally required to take back old batteries.



Rechargeable battery notes

- Rechargeable batteries should not be played with by children. Never leave rechargeable batteries lying around; they could be swallowed by children or pets.
- Rechargeable batteries must never be short-circuited, disassembled or thrown into fire. This leads to a danger of explosion!
- Leaking or damaged rechargeable batteries can cause chemical burns when they come into contact with skin. For this reason, please make use of suitable protective gloves.
- Rechargeable batteries should only be replaced by structurally identical rechargeable batteries from the same manufacturer. Normal batteries must not be used since these are not rechargeable.
- Make sure the rechargeable batteries are inserted with the correct polarity.
- For long periods of time of non-use (for example, storage), remove the inserted rechargeable batteries to avoid damages via the leaking rechargeable batteries.

Disposal:

Dear customer, please cooperate in avoiding waste. When you intend to dispose of the product in future, please consider that it contains valuable raw materials suited for recycling. Therefore, do not dispose it of with domestic waste but bring it to a collection point for the recycling of waste electrical and electronic equipment.



Thank you very much for your cooperation!

1. Introduction

Dear customer, we thank you for purchasing the Solar Globelight. With this Solar Light you have purchased a product that complies with the latest and most up-to-date technology.

CE This product complies with the European and National Standards. The relevant certificates of conformity are deposited with the manufacturer.

To preserve this standard and in order to maintain safety you must adhere to the use instructions!

2. Security Instructions

! In the event of any problems arising or damage occurring from not following these instructions, the warranty is deemed cancelled. The manufacturer will not be held 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 the product.
- 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.