

Operating Instructions

Solar „Smart Cube“ and „Smart Stone“

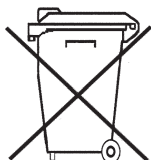


Customer support:

If you have problems or questions regarding this product, simply contact us!
esotec GmbH, Industriegebiet Weberschlag 9, D-92729 Weiherhammer
Monday to Friday 9 am to 12 noon and 1 pm to 4 pm.
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

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.



NiMh

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 Globelicht. With this Solar Light you have purchased a product that complies with the latest and most up-to-date technology.



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.

3. Function and Intended Use

The solar lamp is designed for all season outdoor use. The solar lamp has to be set up free from shadows and facing the sun. Recommended are south, east or west sides. Shadowy north sides are not appropriate. The lamp should be positioned on stones (e.g. pebbles) and must not stand in water or float on water.

The light color is alternating or lockable. This can be selected by the button at the bottom of the lamp.

The integrated rechargeable battery is charged by the solar module installed inside the lamp. The lamp is automatically switched on when it is getting dark and switched off at dawn or if the battery is discharged.

Powerful light emitting diodes (LEDs) are used as light source. Those LEDs guarantee a high luminosity with a low current consumption and a lifetime of more than 50000 hours.

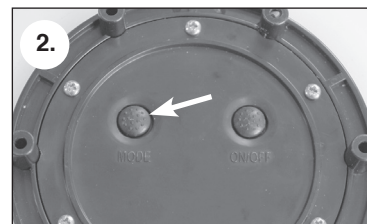
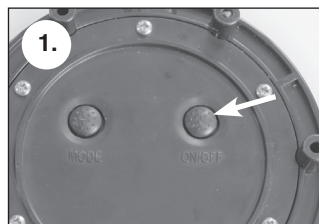
Note: During longer periods with insufficient insolation, the accumulator is charged insufficiently via the sunlight. **However, that does not mean that the solar lamp is defective.** Please wait for the next sunny days and the light will work accordingly.

The rechargeable battery has to be exchanged every 2 years on average!

4. Putting into Operation

1. Please carefully take all parts out of the package.
2. Firmly press in the „ON/OFF“ switch at the bottom of the lamp (illustration 1). You will hear a light click when pressing the switch.
3. If required, you can fasten the lamp in the ground by means of the ground spikes.
4. Now set up the lamp at a shadow-free, sunny place.

Note: The duration of illumination strongly depends on the intensity and duration of the solar radiation during the day. During the winter months please generally expect a shorter light ON time. If the lamp should not shine on the first evening, please wait for a sunny day.



5. Operating Modes (light variation or permanent light)

The individual light colors can be operated in alternating mode or firmly set as a permanent light. The setting is done via the button „Mode“ (illustration 2) at the bottom of the globe. By pressing the button, you can change between the alternating light and the firmly set light color.

If you want to set one light color firmly, please wait until this color lights up in the alternating light mode. Now press the button „Mode“ once. The color is now firmly set and is illuminated identically every night.

To return to the alternating light mode, simply press the button „Mode“ again.

6. Exchange of the rechargeable Battery

On average, the battery pack has to be exchanged by a new and identical in construction battery every two years. Used here is a NiMh battery with 1.2 V/ 400 mAh. A new battery pack is available from your retailer or the manufacturer under www.esotec.de

Proceed as follows when exchanging the battery:

1. Unscrew the black bottom part at the bottom of the lamp anti-clockwise (illustration 3).
2. Loosen the screws at the bottom of the black bottom part with a suitable screwdriver (illustration 4).
3. Take off the black plastic lid (illustration 5) and take out the black rubber gasket (illustration 6).

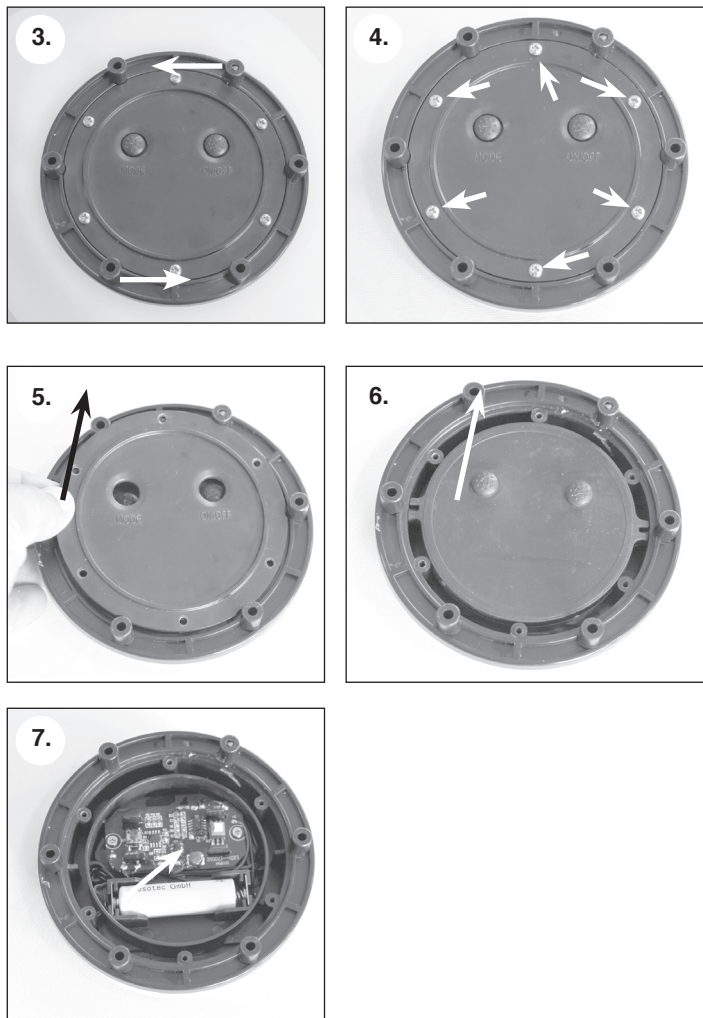
5. Now take out the used battery and replace it by a new, identical in construction battery (illustration 7).
6. Now correctly attach the rubber gasket onto the bottom part. In doing so, make sure that it sits correctly! The bulges have to sit above the buttons.
7. Now reattach the black plastic lid exactly and screw the screws back in with a suitable screwdriver.
8. Now firmly screw in the black bottom part into the bottom side of the lamp clockwise.

Note: Used batteries or accumulators must be disposed of in a non-polluting way and do not belong into the domestic waste. Your dealer is legally obliged to take back the old accumulators.

8. Technical Data

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|--|----------------------------------|
| • Solar module: | 0,4 Wp crystalline |
| • Illuminants: | 2 LEDs |
| • Light color white: | 4500 K (day-light white) |
| • Material lamp: | PE |
| • Protection type light globe: | IP 65 |
| • Protection class: | III |
| • Temperature range: | -10°C up to +40°C |
| • Duration of illumination with a fully charged battery: | max. 10 h |
| • Rechargeable battery: | 1 x NiMh 1,2 V/ 400 mAh (Mignon) |

All spare parts are available under www.esotec.de



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7. Malfunctions

The lamp is not activated at darkness

- A source of extraneous light (e.g. street lamp) simulates daylight on the solar module and prevents the activation. Place the solar module at a darker place.

The lamp is not switched on at darkness at all or only for a short time?

- Is the spotlight switched on
- Battery weak or defective?
Exchange of the battery pack every 2 years at the latest!