

# Instruction manual



## Solar metal stick light „Messina“

### 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](mailto:ersatzteil@esotec.de)

By e-mail for questions about the product: [technik@esotec.de](mailto:technik@esotec.de)

Manufacturer Item No.: 102371

### 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.



Ni-Mh

### 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.



**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 light is suitable for outdoor use. It is made of high-quality materials and thus guarantees a long function over many years.

The crystalline solar module reliably charges the built-in battery in sunshine. At night the light switches on automatically. A warm white LED is installed as light source.

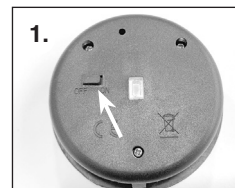
The solar light must be installed in a sunny, shadow-free location!

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

**Note:** During longer periods without sunlight, the battery is insufficiently charged by sunlight and the light does not work in the evening. However, this does not mean that the solar light is defective. Wait for the next few days of sunshine and the light will function accordingly again.

## 4. Commissioning

1. Carefully remove the parts from the packaging.
2. Screw the ground holder together.
3. Pull off the protective foil from the solar module.
4. Now slide the switch underneath the solar module to the „ON“ position (Fig. 1).
5. Now plug the solar light into the ground in a shadow-free, sunny place.

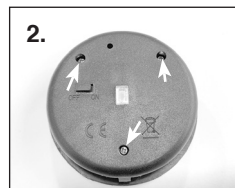


**The solar light is now ready for operation!**

**Note:** The lighting duration is strongly dependent on the intensity and duration of the solar radiation during the day. In the winter months, generally less lighting time is to be expected. If the light does not light up on the first evening, please wait for a sunny day.

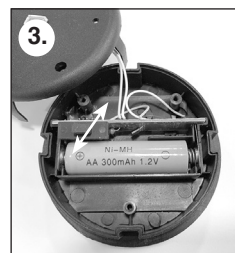
## 5. Changing the battery

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 1.2 V/ 300 mAh is used here. The replacement battery can be obtained from your dealer or from the manufacturer at [www.esotec.de](http://www.esotec.de)



**Please proceed as follows when replacing:**

1. Switch off the solar lamp, unscrew the screws on the underside of the solar unit with a suitable screwdriver (Fig. 2) and remove the cover.
2. Replace the battery with a new one of the same type (Fig. 3).
3. Close the housing again and screw the screws back in.
4. Switch the lamp on again with the slide switch.



## 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 2-3 years!

## 7. Technical data

- |                     |                                     |
|---------------------|-------------------------------------|
| • Solar module:     | 2 V/ 80 mA crystalline              |
| • Light source:     | 1 warm white LED (2800 K)           |
| • Light duration:   | Approx. 6-8 hours with full battery |
| • Spare battery:    | Ni-Mh AA 1.2 V/ 300 mAh             |
| • Protection class: | IP 44                               |
| • Protection class: | III                                 |

You can find all spare parts at [www.esotec.de](http://www.esotec.de)

Copyright esotec GmbH, subject to alterations!