

# Operating Instructions

## Solar Floating light „Float 25“ multicolor

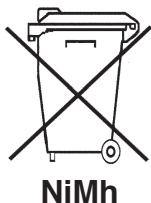


### Customer support:

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



### 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 lamp is designed for all season outdoor use. It may either be operated floating on a water surface or standing on the ground. If the lamp is operated floating, it has to be taken from the water surface in case of frost.

An aluminum bottom prevents the globe from tumbling in case of wind on the water surface or on the ground. When the lamp is mounted on the ground it is additionally possible to use the 2 enclosed ground spikes to fasten it in the ground.

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 for solar lamps.

The light color is alternating or lockable. This can be set by the infrared remote control included in the scope of delivery.

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.

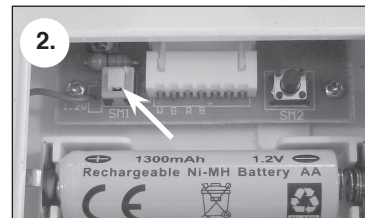
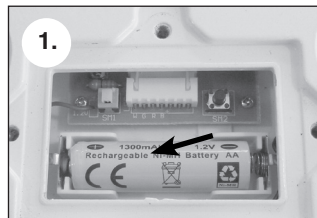
**The rechargeable battery has to be exchanged every 2 years on average!**

## 4. Putting into Operation

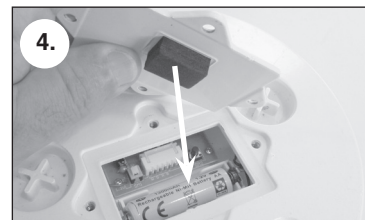
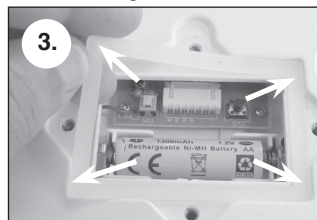
1. Please carefully take all parts out of the package.
2. In order to avoid any discharging of the battery during the storage period, this battery has to be installed before putting the lamp into operation. A bag with the parts required for the assembly is included in the scope of supply.

**Proceed as follows when installing the battery:**

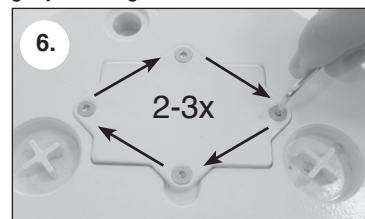
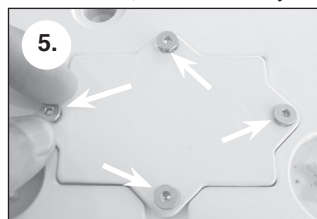
3. Open the bag and put the parts onto a table.
4. Take the rechargeable battery and insert it in the battery compartment with the correct polarity (illustration 1).
5. Firmly press in the main switch of the lamp „SM1“ on the circuit board (illustration 2). (The switch SM2 is of no significance for the putting into operation. It only serves for the control of functions during service operations).



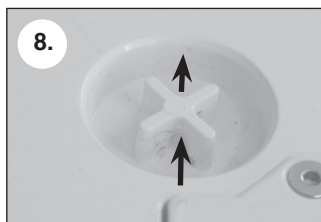
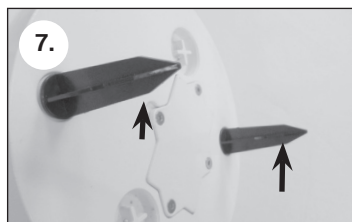
6. Now precisely insert the gasket into the groove (illustration 3).
7. Attach the aluminum lid. Make sure that the black bracket is above the battery (illustration 4). The bracket protects the battery from falling out in case of convulsions.



8. Now take the 4 screws and slightly tighten them manually (illustration 5). Now take the enclosed tool and slightly tighten the screws clockwise one after the other.
9. In a 2. and 3. stage (illustration 6) tighten the screws firmly. The tightening in several stages prevents an irregular seat of the cover. Thus, the lid sits flatly and tightly on the gasket.



10. Now place the globe onto a water surface or place it on the ground. When the lamp is mounted on the ground it is additionally possible to use the 2 ground spikes to fasten it in the (illustration 7). When the lamp is used on the water surface, it is possible to use a cord (illustration 8) (not enclosed in the scope of supply) to limit the globe's range of motion. To fasten the cord, please use the 2 holes at the bottom to thread the cord in.

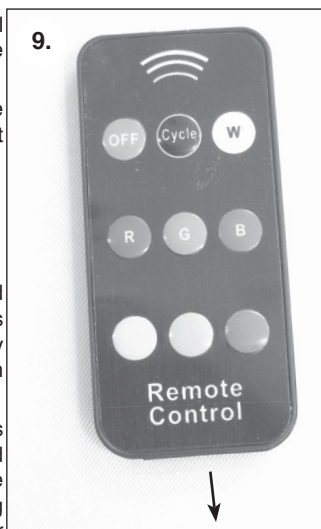


**Note:** The duration of illumination strongly depends on the intensity and duration of the solar radiation during the day. During the winter months please generally expect a shorter light ON time. If the lamp should not shine on the first evening, please wait for a sunny day.

11. Take the remote control and pull out the plastic strip to activate the remote control (illustration 9).
12. The remote control allows the comfortable control of the globe at night.

#### Functions of the remote control:

- „OFF“: The globe is switched off. The globe is switched off. The battery is charged when the sun is shining!
- „Cycle“: The individual luminous colors can be switched through. Then, the globe continues running in the alternating color mode.
- „W“: Permanent light color white is activated.
- „R,G,B ....“: The light color is firmly set by pressing the corresponding color. Simply press the button „Cycle“ again to return to the alternating color mode.

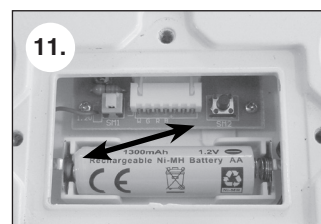
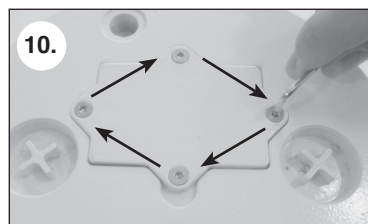


## 6. Exchange of the rechargeable Battery

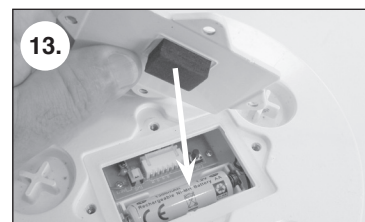
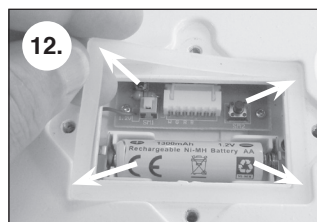
On average, the battery pack has to be exchanged by a new and identical in construction battery every two years. Used here is a NiMH battery with 1.2 V/ 1300 mAh. A new battery pack is available from your retailer or the manufacturer under [www.esotec.de](http://www.esotec.de)

#### Proceed as follows when exchanging the battery:

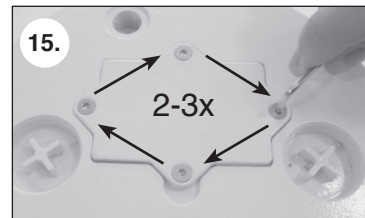
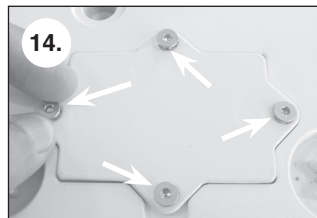
- Loosen the 4 screws at the bottom of the globe one after the other (illustration 10) and take off the lid.
- Now take out the used battery and replace it by a new, identical in construction battery (illustration 11).



- Now precisely insert the gasket into the groove (illustration 12).
- Attach the aluminum lid. Make sure that the black bracket is above the battery (illustration 13). The bracket protects the battery from falling out in case of convulsions.



- Now take the 4 screws and slightly tighten them manually (illustration 14). Now take the enclosed tool and slightly tighten the screws clockwise one after the other.
- In a 2. and 3. stage (illustration 15) tighten the screws firmly. The tightening in several stages prevents an irregular tightening of the screws and thus a potential leakage of the globe.



## 7. Malfunctions

- The light color of the globe can **not** be controlled with the remote control!

**Remedy:** Was the plastic strip on the bottom of the remote control removed (only when the lamp is put into operation for the first time)?

**Remedy:** Please note that the globe can only be remotely controlled at night!

**Remedy:** Battery in the remote control too weak or used? Exchange battery by an identical in construction type!

**Remedy:** No sunshine during the day. When the sky is cloudy and there is no sunshine, the battery installed in the globe is not charged sufficiently! Wait for a sunny day!

- The globe has no function!

**Remedy:** The battery in the light globe has reached the end of its lifetime (exchange it every two years at the latest!)?

**Remedy:** No sunshine during the day. When the sky is cloudy and there is no sunshine, the battery installed in the globe is not charged sufficiently! Wait for a sunny day!

**Remedy:** Is the globe switched on? See instructions item 4. part 5.

## 8. Technical data

- Solar module: 1 Wp crystalline
- Illuminants: 2 LEDs (1 x RGB; 1 x white)
- Light color white: 6500 K (cold-white)
- Luminosity: with light color white 14 lm
- Material lamp: PMMA
- Protection type light globe: IP 66
- Protection class: III
- Temperature range: -10°C up to +40°C (frost-free when used floating!)
- Duration of illumination with a fully charged battery: max. 8 h
- Battery: 1,2 V/ 1300 mAh (Mignon)  
Spare part art.-no: 901022

All spare parts are available under [www.esotec.de](http://www.esotec.de)

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