

# Operating Instructions

## Solar Globe Light multicolor 20

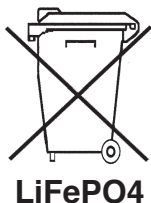
GB

### Customer support:

If you have problems or questions regarding this product, simply contact us!  
 esotec GmbH, Industriegebiet Weberschlag 9, D-92729 Weiherhammer  
 Internet: [www.esotec.de](http://www.esotec.de)  
 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. 102911**

### 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.
- This product is for private use only!

## 3. Function and Intended Use

The solar light is designed for year-round outdoor use. It can either be mounted using the enclosed earth spike or placed directly on the ground. This globe **isn't** floatable and **can't** be placed on of water!

The solar light must be placed free of shade from the sun. A south, east or west side is recommended. Shady northern sides are not suitable for solar lights.

The light colour can be changed or fixed. This can be adjusted with the IR remote control included in the delivery.

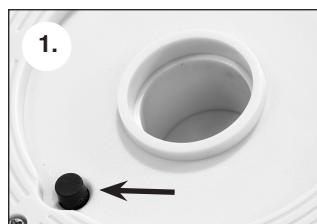
The built-in rechargeable battery is charged by the solar panel inside. The luminaire switches on automatically at dusk and off again at dawn or when the battery is discharged.

2 powerful RGBW light-emitting diodes (LEDs) are used as the light source. These LEDs guarantee high luminosity with low power consumption and a service life of over 50,000 hours.

**Note:** During longer periods without sunlight, the battery may be insufficiently charged by sunlight. However, this does not mean that the solar light is defective. Wait for the next sunny days and the light will function appropriately again.

**The battery should be replaced every 2-3 years on average!**

## 4. Putting into Operation



1. Carefully remove the parts from the packaging.
2. Switch ON the globe by pressing the switch on the underside of the globe (Pic. 1).
3. Find a sunny place for the globe that is as free of shade as possible. The globe can be placed on the ground, fixed with the earth spike or mounted in an elevated position using the plastic tube.
4. In the dark, take the remote control and pull out the plastic strip at the bottom to activate it (Pic. 2).
5. The light ball has 9 different light colours, which can be set individually via the remote control as a continuous light or as an alternating light.

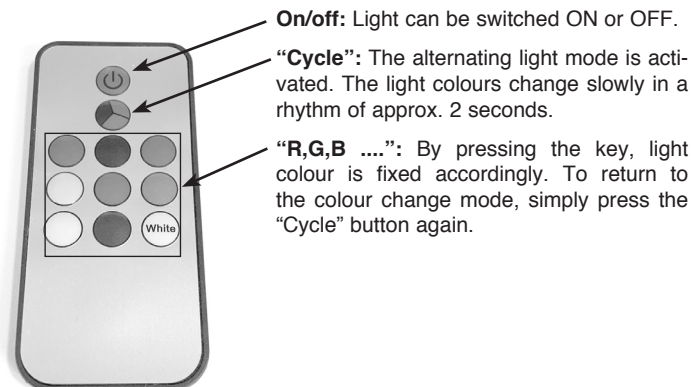
**The light is now ready for use!**

**Note:** The duration of illumination is strongly dependent on the intensity and duration of sunlight during the day. In the winter months, you can generally expect less lighting time. If the lamp does not light up on the first evening, please wait for a sunny day.

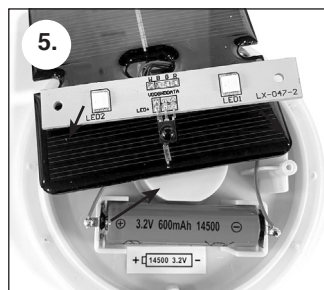
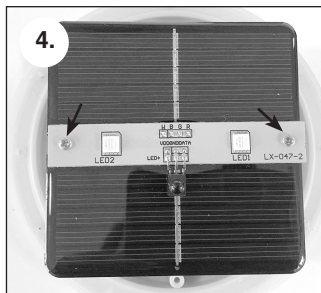
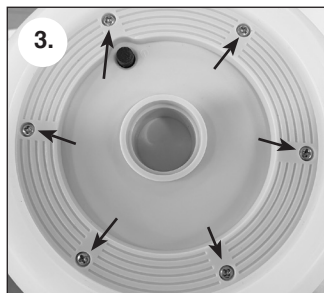
**Note:** The globe can be conveniently controlled at night using the IR remote control. The IR remote control must be pointed directly at the globe.

**Note:** If the globe is switched off via the IR remote control, the battery will still be charged when the globe is exposed to sunlight.

### Functions of the IR remote control:



## 5. Exchange of the rechargeable Battery



On average, the rechargeable battery in the light globe must be replaced every 2-3 years with a new one of the same design and type. A LiFePO<sub>4</sub> battery of the size (14500) with 3.2 V/ 600 mAh is used here. You can obtain a replacement battery from your dealer or from the manufacturer at [www.esotec.de](http://www.esotec.de).

Please proceed as follows when replacing the battery.

1. Switch off the ball via the button on the underside (picture 1).
2. Loosen the 6 screws on the bottom of the ball with a suitable screwdriver and carefully remove the bottom part (Pic. 3).
3. Loosen the two screws next to the solar module and carefully remove it (Pic. 4+5).
4. Remove the battery from the holder and replace it with a new battery of the same design (Fig. 5).
5. Reassemble the sphere in reverse order and switch on the sphere using the button on the bottom.
6. Activate the globe again with the IR remote control.

**The lamp is now ready for operation again!**

## 6. Malfunctions

1. **It is not possible to control the light color of the globe by means of the remote control!**

**Remedy:** Has the plastic strip on the underside been removed from the remote control (only for initial operation)?

**Remedy:** Note that the globe can only be remote-controlled at night!

**Remedy:** Battery in the remote control too weak or exhausted? Replace battery with an identical type!

**Remedy:** No sunshine during the day. If the sky is cloudy and there is no sunshine, the built-in battery in the globe will not be sufficiently charged! Wait for a sunny day!

**Remedy:** This is an IR remote control. To control the globe, please point the remote control towards the globe. 2.

2. **Globe has no function!**

**Remedy:** Battery in the globe has reached the end of its life (replace every 2-3 years at the latest!)?

**Remedy:** No sunshine during the day. If the sky is cloudy and there is no sunshine, the built-in battery in the globe will not be sufficiently charged! Wait for a sunny day!

**Remedy:** Globe switched on?

**Remedy:** Globe switched off via remote control? Activate the globe again using the IR remote control.

## 7. Technical Data

- Solar module: 5 V/ 120 mA, 0.6 Wp crystalline
- Light source: 2 LEDs (RGBW)
- Light colours white: 6500 K
- Light intensity white: 20 lm
- Battery: LiFePO<sub>4</sub> 3.2 V/ 600 mAh (14500)
- Protection class of globe: IP 44
- Protection class: III
- Temperature range: -10°C to +40°C
- Light duration when fully charged: max. 10 hrs.

Spare battery: LiFePO<sub>4</sub>, 3.2 V/ 600 mAh (14500) Spare part no.: 901020

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

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