

Operating instructions

Solar Light „Candle Light“



Customer support:

If you have problems or questions regarding this product, simply contact us!

Internet: www.esotec.de

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

Product: Manufacturer Item No.: 102231, 102232, 102233 and 102234

These instructions relate **ONLY** to this product and contain important information for using the product for the first time. Please keep these instructions for later reference and should always accompany the product in the event of transference to a new user.

1. Introduction

Dear Customer,

Thank you for purchasing the solar light.

With this solar light you purchased a product manufactured according to the current state of technology.



This product fulfils all requirements of the valid European and national regulations. The conformity was proved. The relevant declarations and documentation are deposited with the manufacturer.

To maintain this state and guarantee a safe operation, you as the user will have to follow this operating manual!

2. Safety Instructions



- In case of damages caused by not following this operating manual, the warranty rights will expire! We exclude liability for any consequential damages!
- We exclude liability for property or personal damages caused by inappropriate handling or not following the safety instructions.
- In these cases any guarantee rights will expire.

Due to safety and admission reasons (CE) it is not allowed to arbitrarily reconstruct and/or change the solar light.

Therefore, please keep to the operating manual. The accident prevention rules of the association of the industrial trade cooperative association for electric plants and working material are to be considered in industrial environments

3. Intended use and function

The solar light is designed for outdoor use. It may for example be placed on tables in a sunny place. The light must not stand in the water and must not be lighted by means of a lighter or similar device. This is only a reproduction of a candle made of plastic. The candle has to be switched off during the winter months and stored charged indoors.

The integrated rechargeable battery is charged via the solar cell in the lid of the lamp. The lamp is automatically switched on at darkness and switched out at the break of dawn. A powerful light emitting diode (LED) is used as light source. LED has a flickering light which simulates a lit candle.

In case of longer periods without solar irradiation, the battery won't be charged sufficiently in order to ensure a permanent readiness for operation. **However, that doesn't mean that the solar light is defective.** Wait for the next sunny days and the light will again work accordingly or charge the batteries in a commercially available battery charger.

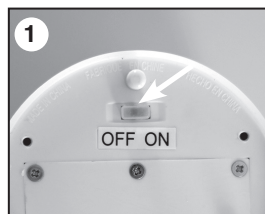
4. Putting into operation

1. Please carefully take the light out of the package.
2. Move the switch on the bottom side of the candle into the position „ON“ (ill. 1).

The solar light is now activated and ready for use!

Note:

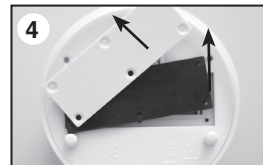
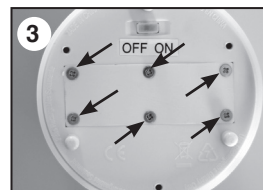
The duration of illumination is strongly dependent on the intensity and duration of sunshine during the day. On days with insufficient sun, the duration of illumination will generally be shorter. In case the light should not give light on the first evening, please wait for a sunny day or charge the batteries in a commercially available battery charger.



5. Exchange of the rechargeable battery

On average, batteries of solar lights have to be exchanged every two years. Please only insert identical in construction batteries with identical voltage and capacity. In case you should not be able to get those batteries in the shops, you may also use batteries with a higher capacity.

1. Move the switch on the bottom side into the position „OFF“ (ill. 2).
2. Unscrew all 6 screws on the battery compartment of the candle with an adequate screwdriver and remove the cover (ill. 3).
3. Take out the plastic seal (ill. 4).
4. Remove the battery from the bracket and replace it by a new freshly charged battery of identical size (Mignon, AA) (ill. 5).
5. Now reinsert the seal into the battery compartment and press the lid back on. Now screw the 6 screws back in again with an adequate screwdriver.
6. Move the switch on the bottom side into the position „ON“ (ill. 2)



Note: used batteries must be disposed of in an environmentally friendly manner and should not be placed in your household waste. Your dealer is obliged by law to take back the old rechargeable batteries.

6. Malfunctions

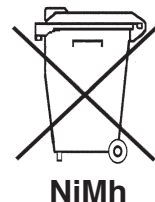
- **Lamp is not automatically switched on at darkness**
 - An outside light source (e.g. streetlight) simulates daylight and prevents the lamp from switching on? Place the lamp at a darker location!
- **Lamp is not switched on at darkness or only for a short period of time.**
 - Is the lamp connected?
 - Accumulator weak or defective? Exchange of the accumulators.

7. Technical details

Type	102231/ 102232	102233/ 102234
Solar module crystalline :	2 V/ 100 mA	2 V/ 120 mA
Illuminant:	1 yellow-orange flickering	1 yellow-orange flickering
Battery NiMh:	1,2V/300mAh (Micro/AAA)	1,2V/300mAh (Mignon/AA)
Protection class:	IP 44	IP 44
Type of protection:	III	III
Max. glow time:	6h with full charged battery	6h with full charged battery

Battery Recycling:

- Used batteries or accumulators must be disposed in the domestic waste.
- The consumer is legally obliged to bring back old accumulators upon usage, e.g. to public waste collecting locations or to the place (shops, etc.) where those batteries are sold.
- Batteries that contain harmful substances are marked with the "strike through dustbin" and one of the chemical symbols.



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.

Manufacturer/Importer:

esotec GmbH - Gewerbegebiet Weberschlag 9 - D-92729 Weiherhammer
Tel.-Nr: +49 9605-92206-0 - Fax.-Nr: +49 9605-92206-10 - Internet: www.esotec.de

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!

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