

Operating instructions

Solar Desk Light „Harmony“



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.: 102912

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.

The integrated rechargeable battery is charged via the solar cell in the inside of the lamp. The lamp is automatically switched on at darkness and switched out at the break of dawn. Two energy saving light emitting diodes (LED) are used as light source.

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

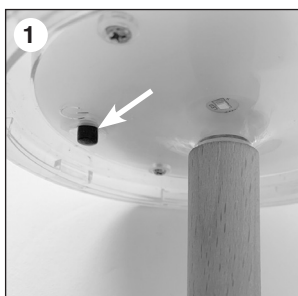
1. Please carefully take the light out of the package.
2. Press the switch on the bottom of the lamp firmly (picture 1).
3. Put the lamp body onto the base and place the lamp in a sunny and shadeless place.

The solar light is now activated and ready for use!

Note: The built-in battery is charged only in the "ON"!

Note:

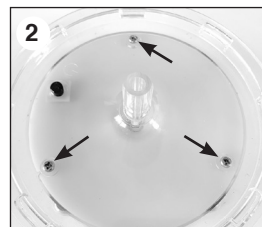
The duration of illumination is strongly dependent on the intensity and duration of sunshine during the day. On days with insufficient sun, the duration of illumination will generally be shorter. In case the light should not give light on the first evening, please wait for a sunny day or charge the batteries 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. Press the switch on the bottom and turn off the lamp (picture 1).
2. Remove the lamp from the base, turn the clear lower part anti-clockwise and remove it from the milky upper part.
3. Use a suitable screwdriver to unscrew the 3 screws on the underside of the transparent base (picture 2) and remove the cover.
4. Remove the rechargeable batteries from the holder and replace them with new, freshly charged rechargeable batteries of the same size (Micro, AAA) (picture 3).
5. Now reassemble the lamp in reverse order and press the switch on the base firmly back into place.



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

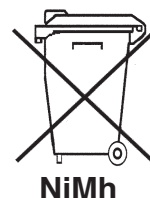
- **Lamp is not automatically switched on at darkness**
 - An outside light source (e.g. streetlight) simulates daylight and prevents the lamp from switching on? Place the lamp at a darker location!
- **Lamp is not switched on at darkness or only for a short period of time.**
 - Is the lamp connected?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

7. Technical details

Solar module:	crystalline silicium 0,6 Wp (5 V/ 120 mA)
Means of illumination:	2 warm white LEDs (3000 K)
Light intensity:	approx. 2 x 10 lm
Rechargeable battery:	3 x NiMH 1.2 V/600 mAh (Micro, AAA-size)
Protection type:	IP 44
Protection class:	III
Period of illumination:	maximum 10 hours on a fully 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!

