

# Usage instructions

## Solar LED Bouquet of Blossoms



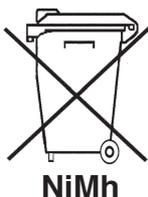
These instructions relate **ONLY** to this product and contain important information for using the product for the first time. Please keep these instructions for later reference and should always accompany the product in the event of transference to a new user.

### Customer support:

If you have problems or questions regarding this product, simply contact us!  
**Monday to Friday 8 am to 12 noon and 1 pm to 4 pm.**  
By phone: +49 9605-92206-0 Internet: [www.esotec.de](http://www.esotec.de)  
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)  
**Product: Manufacturer Item No.: 102106 WEEE: DE59284711**

### 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.

### 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, thank you for purchasing this product.

With this product you purchased a state-of-the-art product.

 The product complies with the requirements of the applicable European and national directives. The conformity has been verified; the manufacturer is in possession of the relevant declarations and documents.

In order to maintain this condition and to ensure safe operation, the user must observe this operating manual.

## 2. Safety instructions



- The guarantee and warranty claim becomes invalid if the product is damaged as a result of failure to observe these operating instructions. We are not liable for any resulting consequential damages!
- The same shall apply to property and personal damages caused by any improper handling and non-observance of the safety instructions.

- Make sure that the product does not get into the hands of children, it is not a toy!
- Keep plastic foils and packaging material out of reach of children, there is a risk of suffocation.
- The accident-prevention regulations, established by the Employer's Liability Insurance Association for electrical equipment and facilities, must be adhered to in industrial facilities.

## 3. Intended Use and Function

The solar light is designed for the all-season use outdoors and in sunny interiors. The high-performance solar module converts sunlight into electrical energy and charges the installed battery.

At dusk, the light is automatically switched on and is switched off at dawn. 24 warm-white LEDs serve as illuminants which ensure a pleasant illumination with low current consumption.

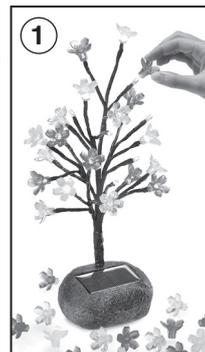
The 24 LEDs may be adorned with the enclosed plug blossoms. Each 25 white, yellow and orange blossoms are included in the scope of delivery. Those blossoms may be plugged on the LEDs according to the user's personal taste. It is also possible to operate the light without the blossoms just with the LEDs.

-- However, please keep in mind that the duration of illumination may be impaired due to insufficient solar radiation onto the solar module --

**Note:** In case of longer periods without solar radiation, the battery will be charged insufficiently in order to ensure a permanent readiness for operation. However, that does not mean that the solar light is defective. Wait for the next sunny days and the light will again work accordingly.

## 4. Assembly and Activation

1. Please carefully take all parts out of the package and make sure that you don't lose the blossoms.
2. You may plug the blossoms onto the 24 LEDs according to your taste (see illustration 1).
3. Note: Do not apply force when plugging on the blossoms. The connections of the LEDs may be bent.
4. Firmly push in the button below the rubber seal at the bottom side of the stone (see illustration 2).

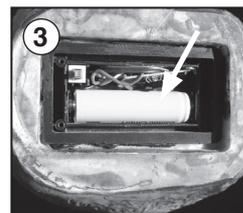
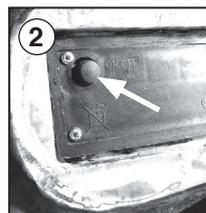


The light is now activated!

**Please note:** The duration of illumination is highly dependent on the intensity and duration of sunlight (solar irradiation) during the day. Illumination time is generally expected to be less during the winter months. Should the light not be switched on on the first evening, please wait for a sunny day.

## 5. Replacing the Battery

1. Switch off the bouquet of blossoms via the button below the rubber gasket at the bottom side of the stone (illustration 2).
2. Now unscrew the 4 screws from the lid and take off the lid.
3. Also remove the seal plate.
4. Take the used batteries out of the battery compartment. Insert new and identical in construction batteries into the battery compartment with correct polarity (illustration 3). We recommend charging the new batteries in a battery charger before inserting them.
5. Now insert the seal correctly and attach the lid correctly.
6. Now screw in the 4 screws and switch on the light via the switch.



**Note:** Used batteries or accumulators must be disposed of in a non-polluting way and do not belong into the domestic waste. Your dealer is required by law to take back old batteries.

## 6. Malfunctions

The lamp is not switched on at darkness

- A source of extraneous light (e.g. street lamp) simulates daylight on the solar module and prevents the activation. Place the lamp at a darker place.
- Has the light been activated/switched on?

At darkness, the lamp is only switched on for a short time

- Battery is weak or defective? Exchange the accumulator.

## 7. Technical Data

Solar module:	crystalline silicon 0,4Wp
Illuminant:	24 x warm white light emitting diode (LED)
Lighting color:	3000 K
Protection class:	IP 44
Accumulator:	1 x NiMh 1.2 V/600 mAh (AA/Mignon)
Duration of illumination:	max. 8 h, with a fully charged set of accumulators
Operating temperature range:	-20°C to +40°C