

Using Instructions string lights 100 LEDs

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.

3. Intended Use

The string of lights is automatically switched on at darkness and switched out at morning light. With a fully charged battery and without recharging, the maximum glow time respectively duration of illumination amounts to approx. 10 hours. The solar module installed in the upper part of the housing charges the integrated rechargeable battery. The string of lights may be switched on and off via a switch and it is possible to choose between permanent and flashing light. The product is suitable for year-round outdoor use. The product is designed splash-water-proof. The LEDs must not be immersed in water (pond).

Note: Make sure that the solar module is preferably adjusted to the south and that shadows are avoided. The product may not be used if adjusted to the north. In the winter, it is required to always keep the solar module free of snow.

4. Putting into Operation

1. Please carefully take all parts out of the package and unfold the string of lights.
2. Wrap the string of lights around a shrub or bush. Please make sure that the string of lights is not permanently positioned in water (e.g. in a pond). Rain and snow won't do harm to the string of lights, it is suitable for outdoor use.
3. Put the slide switch on the bottom side of the housing into the position "ON" or „MODE“. Permanent light is activated in position „ON" and the flashing light is activated in position „MODE“.

Note: The string of lights is switched off and the battery is not charged in the position "OFF".

4. Now take the ground spike and attach the bracket onto the back side of the solar module. Insert the housing into the ground or a flower pot by means of the ground spike.

The solar string of lights is now activated.

Note: During the winter months, the duration of illumination will generally be shorter. In case the lamp should not give light on the first evening, please wait for a sunny day.

Note: Please never spray onto the solar module with a garden hose or similar! Normal rain fall won't do harm to the string of lights!

5. Exchange of the Batteries

The capacity of the battery will diminish after one to two years and it will have to be exchanged. The battery is available at your local retailer's or from the manufacturer. Please exclusively use an identical in construction battery.

1. Put the string of lights into the position "OFF" by means of the slide switch on the back side of the solar module.
2. Unscrew the 4 screws at back side of the solar module with an appropriate screwdriver.
3. Remove the cover and take out the battery.
4. Replace the battery by an identical in construction battery.
5. Before closing the housing again, make sure that the cable is led to the outside via the rubber gasket.
6. Re-attach the back wall of the solar module and tighten the 4 screws.
7. Switch the string of lights back into the position "ON" or "MODE" by means of the slide switch at the back side of the solar module.

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 activated at darkness

- is the lamp switched on?
- A source of extraneous light (e.g. street lamp) simulates daylight and prevents the activation. Place the lamp at a darker place.

The lamp is not switched on at darkness at all or only for a short time?

- Incorrect polarity when the battery was replaced?
- The battery may be weak or defective. Exchange the battery.

7. Technical Data

Solar module:	2 V/ 200 mA
Battery:	NiMH 1.2 V/1500 mAh (AA, Mignon)
Type of protection:	IP 44
Protection class:	III
Illuminant(s):	Art.-No.: 102354: 100 pcs. warm white light emitting diodes (2800 K) Art.-No.: 102355: 100 pcs. cold white light emitting diodes (6000 K) Art.-No.: 102356: 100 pcs. RGB light emitting diodes
Glow time:	max. 10 with fully charged battery

Manufacturer/Importer:

esotec GmbH, Weberschlag 9, D-92729 Weiherhammer
Tel.-Nr: +49 9605-92206-0 Fax.-Nr: +49 9605-92206-10
e-mail: info@esotec.de Internet: www.esotec.de
WEEE: DE59284711

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!



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.

