

Using Instructions

solar housenumberlight „Style duo color“



Customer support:

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

By phone: 09605-92206-0

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.: 102031

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. Function and intended Use

The house number light has to be installed outdoors at a shadow-free sunny side. During the day, the integrated rechargeable battery is charged via the solar module in the top side of the house number. The light is automatically switched on at darkness and switched off at morning light or when the battery is empty.

With a fully charged battery and without recharging, the maximum light ON time of the lighting amounts to approx. 100 hours.

Note: During the winter months, daylight may be insufficient in order to achieve lighting in the evening. In this case, please look for a more favorable position for your solar house number light. The product is suitable for all-season outdoor use.

Note: Please make sure that the solar light is installed at a shadow-free south-, east- or west side. The product cannot be used if installed at north sides. During the winter, the solar cell shall always be free of snow.

4. Putting into Operation

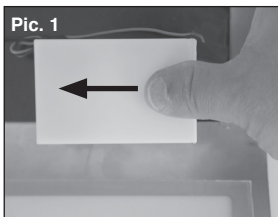
4.1 Affixing of the Numbers

Your house number may be affixed individually by means of the enclosed set of numbers. For this purpose, simply peel off the required numbers or letters and affix them onto the luminous surface from the outside.

4.2 Assembly of the Number Light

Find a suitable place to mount the house number. Choose a location that is as sunny and shade-free as possible, facing south, west or east sides. Do not mount the house number light under canopies!

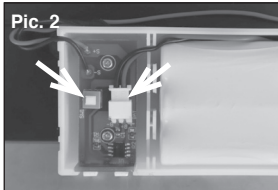
1. Open the house number light by unscrewing the screw on the underside of the housing and removing the upper part from the front.
2. First, the back of the housing is hooked into the two upper slots using the screws provided and then secured against unauthorized unhooking via a screw in the lower hole.



3. In the front part is the plastic box with the battery and electronic inside. Slide the cover slightly to the left (Fig. 1) and remove it. Now connect the socket of the battery pack (Fig. 2) with the plug on the circuit board.

Note: This plug is protected against reverse polarity, please do not use force.

4. The light colour can be set between warm or neutral white using the pressure switch (Fig. 2). Cover the solar cell to make the LED light up.
5. Hang the front side of the housing on the wall mounted rear side and fix both parts with the screw on the bottom side of the house number light.



The house number light is now ready for operation.

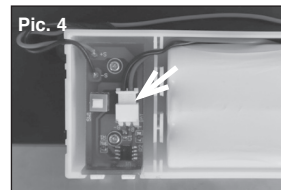
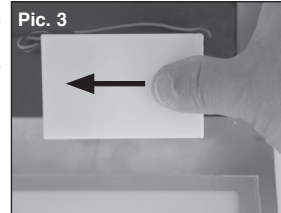
5. Exchange of the Battery Pack

The capacity of the battery pack will diminish after **approximately two years** and they will have to be exchanged. The battery pack is available at your local retailer's or from the manufacturer.

1. Open the house number light. To do this, unscrew the screw on the underside of the housing and remove the upper part to the front.
2. Slide the cover of the plastic housing to the left (pic. 3) and remove it.
3. Unplug the battery (pic. 4) and remove it from the housing. Now insert a new battery pack of the same construction and insert the plug of the battery pack back into the socket of the circuit board.
4. Close the housing again in reverse order.

Note: This plug is protected against reverse polarity, please do not use force.

Note: Batteries have to be disposed of in an environmentally sound way and do not belong into the household waste. Your dealer is required by law to take back your old batteries.



6. Malfunctions

The lamp is not switched on at darkness

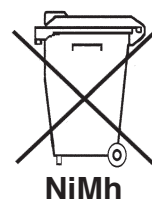
- Wait for sunshine and charge the battery pack.
- Is the place of installation optimal? There may be insufficient insolation onto the solar cell.
- Is the solar cell illuminated by extraneous light (e.g. bright lamp) during the night so that the switch-on threshold is not achieved? Carry out a test during the day: shade the solar cell by putting the palm of your hand over the cell. Extraneous light is the reason for the malfunction if the lamp is then switched on. Change the place of installation!
- Exchange the battery pack by a new identical in construction pack.

7. Technical Data

- Solar module: 1.4 Wp crystalline
- Protection type: IP 34
- Protection class: III
- Battery: 1 pc. NiMh 3,6 V/1300 mAh (spare art.-no: 901021)
- Illuminant: 2 Lumimicro SMD multichip light emitting diodes
- Radiation angle LED: 120°
- Light color: 2800 K (warm-white), 5500 K (daylight-white)
- Luminosity: 18 lm/ 20 lm
- Glow time: Max. 100 hours with a fully charged battery pack
- Stainless steel: 0.8 mm AISI 304

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.

Manufacturer / Importer

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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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