

Operating instructions

Solar Multi Flame Light USB



Customer support:

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

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.: 102271

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 and indoor use. Outside, it must be placed in a shady sunny position.

The built-in battery is charged by the solar cell in the upper part of the luminaire or via a USB connection. The light switches on automatically at dusk and switches off again at dawn. 18 energy-saving light-emitting diodes (LEDs) are used as light sources. A very realistic flare effect is generated in combination with a special control. The strength of the flame can be adjusted in 2 steps.

During longer periods without solar radiation, the battery is insufficiently charged to ensure constant operational readiness. However, this does not mean that the solar light is defective. Wait for the next sunny days or charge the lamp via the USB connection. The lamp will function accordingly again.

During the winter months, the luminaire can continue to be operated outdoors. Only the solar module must be kept free of snow. When wintering indoors, the luminaire must be fully charged and switched off in winter.

The battery in the luminaire is permanently installed and cannot be replaced. However, the high quality Li-Ion battery guarantees an optimal function of the lamp over several years.

The lamp can be plugged into the ground via a multi-part ground spike, placed on a table or suspended.

Attention: The lamp must not be placed near open fires! The luminaire must also not be immersed in water!

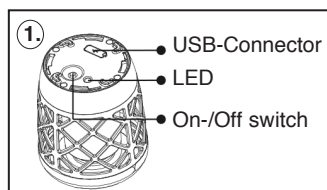
4. Commissioning

1. Remove the lamp carefully from its packaging.
2. The lamp can be switched on in 2 brightness levels using the pressure switch (Fig. 1) on the underside.

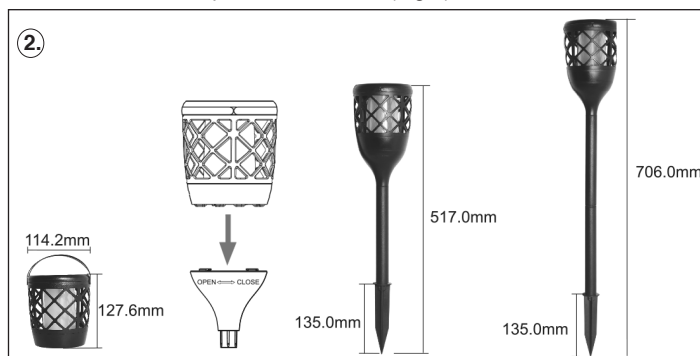
1. Press = Step 1: The lamp switches on at approx. <30 lux and illuminates with approx. 25% of the max. luminosity. When reaching approx. >150 lux, the lamp switches off automatically. This operating mode is particularly suitable for use as an outdoor solar light!

Press 2 = Step 2: The light switches on at approx. <30 lux and illuminates with approx. 100% of the max. luminosity. When reaching approx. >400 lux, the light switches off automatically. This operating mode is suitable for use as a portable luminaire or indoors.

Press 3 = OFF



3. The luminaire can be installed either on two earth spikes in the ground, on a table or as a pendant luminaire (Fig 2).



The solar light is now activated and ready for use!

5. Charging via USB cable (Fig 1)

The built-in battery can be charged via a USB port. A USB power supply with 5V/ 1 A should be used for charging. A suitable USB charging cable is included with the lamp. After you have connected the light to the USB cable and power supply, a red LED will flash next to the on/off switch. If the battery is fully charged, this LED indicator will light up permanently red!

Note: When charging via the solar module, the LED display has no function!

Note: The lamp can also be charged via the solar module or USB when switched off.

6. Changing the battery

The high-quality Li-Ion battery is permanently installed in the lamp and cannot be replaced.

7. Malfunctions

Lamp does not switch on in darkness

- An extraneous light source (e.g. street lamp) simulates daylight and prevents the luminaire from switching on. Place the lamp in a darker place.
- Battery discharged? Place the lamp in the sun or charge it via USB connection.

8. Technical data

- Solar panel: Crystalline 0.7 Wp
- Light source: 18 orange light emitting diodes (LEDs) 1500K
- Battery: Li-Ion 3.7 V/ 1200 mAh
- Protection class: IP 65
- Protection class: III
- Temperature range: -20°C to 45°C
- Charging time: Solar approx. 12 hrs, USB approx. 6-8 hrs.
- Flash time: Level 1: approx. 3 nights, Level 2: approx. 4 hrs.
- USB power supply: 5 V/ 1 A (not included in delivery)

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!

