

Operating Manual

„oxygenator Air“



Customer support:

If you have problems or questions regarding this product, simply contact us!
Monday to Friday 9 am to 12 noon and 1 pm to 4 pm.
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
Battery box: Manufacturer Item No.: 101871

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

- The pond aerator is designed in protection class IP 44 (splashproof) and must not stand in the water or be immersed into the water. The operating voltage is 6 VDC and therefore protection class III.
- The system is designed for outdoor use in garden ponds. The power supply is provided via an esotec battery box or a direct current power pack.
- The system is particularly characterized by its ease of assembly. Tools are not required for the assembly.
- The device does not have any on-and-off switch. The pump will start to work as soon as it is connected to a source of voltage.

4. Assembly and Putting into Operation

The set consists of the following parts:

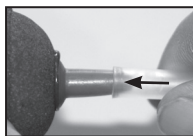
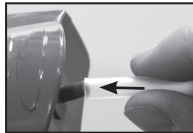
1 pc. air pump in the plastic housing including 3 m connector cable, 2 m air hose and gushing stone.

1. Completely unroll the connector cable at the pump and the air hose.

2. Attach the hose onto the air outlet nozzle of the pump.

3. Attach the other end of the hose onto the nozzle of the gushing stone.

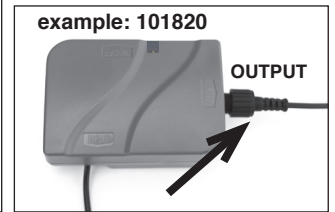
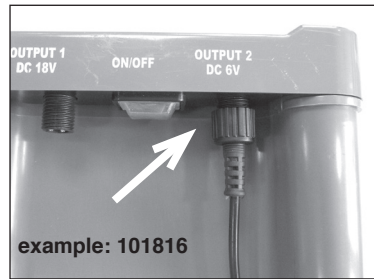
4. Now set up the pump at the edge of the pond. In order to avoid any return flow of the water when the pump is inactive, it is required to always set up the pump above the water level. In case this should not be possible, it is required to install a check valve (accessory item) into the hose.



Note: The pump is not watertight; please never place it into water.

Note: The pump sucks in the air at the bottom side. So please make sure that the two slots at the bottom side are always free and are not standing in the water.

5. Insert the plug at the end of the cable into the 6V outlet of an esotec battery box and switch on the outlet. In doing so, please also pay attention to the operating manual of the battery box prior to the putting into operation.



5. Care and Maintenance

The pump and the solar module do not require any particular care. In case the gushing stone should be clogged it has to be replaced by a new gushing stone. Those gushing stones are available from the manufacturer or from specialized shops.

6. Technical Data

- Operating voltage: 6 to 9 V DC
- Flow rate: max. 120 l/h
- Protection type: IP 44
- Protection class: III
- Length of cable: 3 m
- Operating temperature range: +4 °C to +40 °C

7. Safety Precaution:

HAZARD for children! Keep children away from the small parts (gushing stone) which can easily be swallowed. Danger of suffocation!

WARNING of tripping hazard! Lay the connector cable so that it does not become a trip hazard!

CAUTION property damage! If you set up the solar module without the module retainer you will have to pay attention to an adequate stability. The solar module may be damaged if the module should tilt over or if a foreign object should hit the module.

8. Disposal

Electronic devices are recyclable waste and must not be disposed of in the household waste.

At the end of its service life, dispose of the product according to the relevant statutory regulations.

Remove any inserted rechargeable batteries and dispose of them separately from the product.



Manufacturer / Importer

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