



### Instructions for use



Congratulations on your purchase of the SunTransfer5 Solar-Home-System!

SunTransfer5 is a Solar-Home-System, which provides you light as well as the possibility of charging your mobile phone.

Please read these instructions carefully.

#### Contents of the package:

- 1 Solar module with cable
- 3 Lamps (type SunTransfer1)
- 3 Cable with ON/OFF Switch
- 1 Charging connector
- 1 USB mobile phone charging cable with eight adaptors



### Attention

Before using the lamp the first time, it is necessary to initiate the battery: Please use a small wire (like from a paper-clip) to push into the small hole, which is located on the side of the lamp (above the SunTransfer logo) to initiate the power connection.

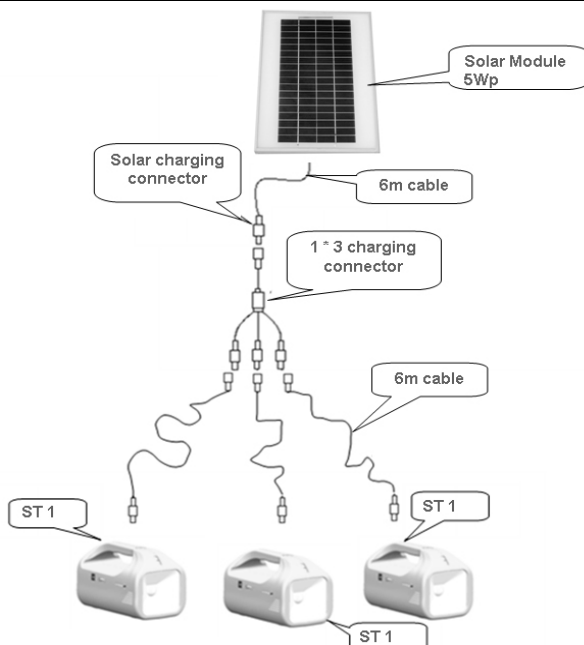
#### After initiating the battery, please fully charge the battery.

Be aware: First charging may take up to several days.  
Next chargings will need only some hours in bright sun.

#### Proceed as follows to fully charge the battery:

1. Place the module in the sunlight (blue surface directed towards the sun).
2. Remove the protective film (if present) from the surface of the module and lamp front.
3. Connect the module cable to the lamp.
4. During the charging process, the control lamp flashes green.
5. When the battery is fully charged, the control lamp turns permanent to green.

#### Installation schema:



#### \* Tips about the positioning of the solar module

- The module should be positioned or installed in such a way that the sun can shine on it the whole day (if possible).
- In order to ensure optimum performance, take care no shadows can fall on the module, e.g. from nearby trees or buildings.
- Dust and dirt should be cleaned from the surface of the module regularly. Heavier dirt, such as bird droppings, can impair the performance of the module significantly!

#### \* Application possibilities

##### Light



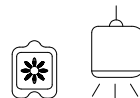
Each lamp has 3 settings for light. Use the button on the top of the lamp to choose low, medium or high brightness. Hours of light with full battery:

- Low: at least 100 hours
- Medium: at least 10 hours
- High: at least 4 hours

**Tip:** The medium setting is sufficient for most purposes and requires less electricity.

**CAUTION:** Never look directly at the LED! This can cause eye damage!

##### Torch or fixed installation



At the back of the lamp there is a bracket, so the lamp can be hung from the ceiling in order to illuminate a room.

If the lamp is fastened to the ceiling, the supplied remote switch (cable with ON/OFF switch) can be connected to the lamp to make it easier to operate.

##### Charging a mobile phone



You can charge all mobile phones with a voltage of 5V or lower.

Proceed as follows:

- Open the black plastic protective covering at the side of the lamp.
- Connect the supplied USB cable to the lamp.
- Attach the correct adaptor for your mobile phone to the other end of the USB cable.
- Connect your mobile phone to the USB cable.
- Charging of mobile phone starts.

### \* Charging the battery

- Connect the lamp to the module regularly in order to recharge it.
- Position the module in the sunlight (blue surface facing the sun) and make sure that no shadows can fall on it (trees, houses or the like).
- Connect the module cable to the lamp.
- During the charging process, the control lamp flashes green.
- When the battery is fully charged, the control lamp turns green.

### Battery capacity indicator:

- Press the power indicator button to get information about the current capacity of the battery. After 10 seconds the five indicator LED extinguish automatically
- Indicator LED (5 steps):  
red = empty; green = full; 1-3 orange = partly charged
- **Please notice:** Even if the lamp has not been used and no mobile phone has been charged, the battery will nevertheless discharge. The lamp should therefore be fully recharged at least once a month in any case.

### \* Tips for daily use

#### Solar module

- Clean the surface of the module regularly.
- Keep the module in the sun and avoid the shade!

#### Lamp

- Save energy: this increases the service life of the battery.
- The medium brightness setting is in many cases sufficient and guarantees a long burning time of the lamp.

### \* Changing the battery

If the battery has been fully charged and the lamp burns for less than 1.5 hours, the battery is probably exhausted. This will probably be the case after approximately 3-4 years use.

If the battery is exhausted, return the lamp to the shop where you bought it or to an authorised retailer of SunTransfer GmbH. There you can buy a new battery. The authorised retailer will exchange the battery and make sure that you get a new battery in good quality. Additional he will dispose of the old battery properly.

**CAUTION:** If the lamp is fixed with special screws, never try to open the lamp and change the battery yourself! You loose warranty!

**ATTENTION! Batteries should not be disposed of in the household garbage!**

### \* Technical specifications

#### Module

- 5 Wp, crystalline with aluminium frame and tempered glass
- 6 meter connector cable
- Size: 335\*190\*15mm

#### 3 Lamps with one charging connector. Specifications for each lamp:

- ABS plastic body
- High-power LED: 90-100 lumen; service life 30,000 hrs (decrease less than 20%)
- High-quality battery: durable, long life gel battery, 6V / 2.8Ah
- USB 5V DC output for mobile phone and 3C device
- AC/DC input connection port for PV/ grid charging

- Small LED lamps to indicate the capacity of battery
- 3-step LED brightness control switch
- Remote switch cable
- Water and dust protection rating IP41
- CE & RoHS certificate
- Size of each lamp: (L)160\*(W)98\*(H)108mm

### \* Safety instructions

- Before you use the SunTransfer1 for the first time, please read the directions and safety instructions first or have them explained to you by trained personell.
- The product may not be put into operation if it is damaged in any way.
- Disposal: This product may not be disposed of in the household garbage.
- In order to prevent any environmental hazards or health risks arising from uncontrolled garbage disposal, return the product and/or the battery to the shop where the product was bought or to an authorised retailer.
- Only use the product as described in these instructions. If it is used in a way other than described in these instructions or if components (module/lamp) are damaged or opened, the warranty will become null and void. No liability will be accepted for consequential damage.
- Never carry out repairs or other work on the product yourself!
- Handle the product carefully. It can be damaged by knocks, blows and falls.
- Keep the lamp away from extreme humidity or heat.
- Subject to technical changes. Errors and omissions excepted.

### \* Warranty

There is a one year guarantee on the product from the date of purchase.

#### Attention!

- You loose warranty:
  - If you use not original components or accessories of SunTransfer
  - If you open the lamp by yourself.
- Only use the product as described in these instructions. If it is used in a way other than the manufacturer intended or if components (module/lamp) are damaged or opened, the warranty will become null and void. No liability will be accepted for consequential damage.

### \* Troubleshooting

Malfunction	Possible cause	Remedy
Lamp does not light up	battery flat	charge battery
Mobile phone cannot be charged	mobile phone has the wrong voltage battery flat (> 5V)	charging not possible
Battery can't be charged	module not connected	connect up module
	module is in the shade	position module in the sun
	module is dusty/dirty	clean module
	battery exhausted	have battery changed by a specialised retailer



Designed in Germany

SunTransfer GmbH, Langemarckstrasse 112, 79100 Freiburg, Germany  
www.suntransfer.com, mail@suntransfer.com

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making life brighter

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