



THE SUN **IS** GUIDING YOU

SONNENGLAS® Generation 6

ENGLISH



Hello Sunshine!

Thank you for joining our mission to make the world a brighter place. With SONNENGLAS® you are now producing light in one of the most sustainable, and environmentally friendly ways possible. SONNENGLAS® (Gen6) are our most innovative and powerful products to date.

On the following pages, you will see how easy and fun it is to use SONNENGLAS®, learn about the ways to charge it and how your purchase positively impacts the people who manufactured your product.

We wish you many joyful moments with SONNENGLAS®!





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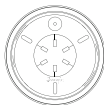
*Scan the QR code on the back cover for other languages

SONNENGLAS® Generation 6 Product Family

CLASSIC Sizes



1000ml
Lantern



SOMO
Classic

MINI Sizes



250ml
Lantern



SOMO
Mini

SONNENGLAS® is a Fair Trade solar powered light, like no other, that converts sunlight into warm, bright light.

At the heart of every SONNENGLAS® is the SOMO Solar Module (available in Classic and Mini size).

SOMO is a high-performance and versatile solar powered light that you can take anywhere. It fits in your pocket and can be used on the go, so you can take your sunshine anywhere. Together with the SONNENGLAS® Glass Jars (1000ml or 250ml size) SOMO becomes a beautiful and functional lantern with day/night sensor, that is an ideal ambient light source for your patio, garden or your home. The lanterns offer you a unique frame for little treasures, holiday memories and anything else that deserves a special spot in your life, so you can use it to share your ideas center stage.



SOMO Solar Module

SONNENGLAS® **SOMO Solar Module** is the heart of every SONNENGLAS® product. It can not only light up the SONNENGLAS® Glass Lanterns but also be used as a versatile, powerful pocket-sized solar powered light that you can carry anywhere.



Module Control Button

1

Impact resistant casing

Serial Number



2 LEDs

4
Integrated
Wire Handle

3
USB-C Backup
Charging Port

Sealing Ring to connect
with Glass Jar



Flip Switch Interface (Glass Jar)

5

6 Battery Level
Indicator

Solar Panel 7



Let there be light!

Controlling the LEDs

You operate the SOMO Solar Module using the **Module Control Button** located on the underside of the module.

1



On/Off

Press the button to turn the LEDs ON and OFF



Dimming Control

Hold down the button to set the brightness.



Safety Light Mode:

Double-pressing while LEDs are ON makes LEDs blink

Runtimes

SONNENGLAS® is equipped with six, **high-efficiency LEDs**.

They produce a soft warm light (3000K) of the highest quality that is flicker-free. You can set the brightness smoothly from between 5 to 100 Lumens. The runtime on a full charge depends on the brightness setting and can last up to 100 hours.

2

Brightness Setting (Lumen)	Low (5 lm)	Medium (20 lm)	High (70 lm)	Max (100 lm)
Runtime (hrs) (Classic/1000ml)	120	28	8	5
Runtime (hrs) (Mini/250ml)	70	18	5	-

*Runtimes are based on a full charge

*Safety Light Mode (double press) approximately doubles above runtimes.



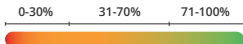
3 **USB-C Backup Charging**

SONNENGLAS® is equipped with a USB (Type C) port for backup charging and indoor usage. It works with any standard USB-C cable and charger (cable not included). 10 minutes of USB charging will give you up to 10 hours of light. A full charge takes around 90 minutes for MINI and 2,5 hours for CLASSIC.



6 **Battery Level Indicator**

When turning SONNENGLAS® OFF or while charging it with USB-C the round dot on the solar panel will display the battery level in different colors ranging from red to green.



Weather Resistant

The transparent casing is made from durable and impact resistant material and is sealed to be weather resistant. Rain will not damage it, but you should not submerge it in water or leave it outside for continuous periods of time. If you want to use the product continuously outside you can do it together with the SONNENGLAS® Glass Jar.



Integrated Wire Handle

The SOMO Solar Module has a hidden, integrated wire handle, that allows you to use the module in various positions.

4

PLEASE NOTE: To change the positions of the wire handle, you need to detach it from the module. **Do not twist and turn the wire handle.** It requires some precision and good eyesight to operate. With a few minutes of practice you will be able to change the positions easily.



In **Resting position** the wire is tucked away. Use your fingernail to get the wire handle out and place it back securely when you are not using it.

In **Charging position** the solar panel faces 45° towards the sky, which improves solar charging performance during day time. You can also use it as a close-up table light. In **Hanging position**^{*} the Solar Module gives light by hanging it on a thread or hook. In **Lighting position**^{*} resting it on any surface will create an indirect light source.

SOMO Solar Module



Resting



Charging

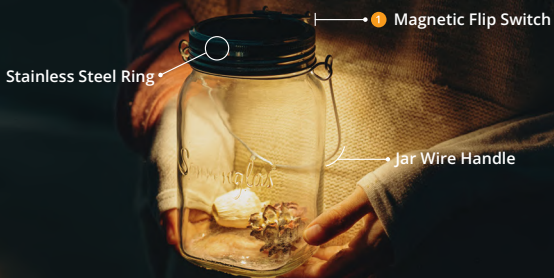


Hanging Position



Lighting Position

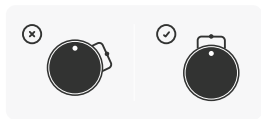
*Hanging and lighting position require the same wire placement.



The Lantern

With the **Original SONNENGLAS® Glass Jars** you can transform the SOMO Solar Module into a beautiful decorative lantern, ideal as an ambient light source for your patio, garden or in your home. The Glass Jar Lanterns give you creative room to decorate the inside with your favourite memories and decorations. The SONNENGLAS® Glass Jar Lanterns are available as a set with our SOMO modules or are available as separate purchase.

Operating the SONNENGLAS® Glass Jar Lanterns works with the integrated **1 Magnetic Flip Switch** that connects to the dot on the SOMO Solar Panel. Using it this way enables the Day/Night sensor. In this Lantern Mode SONNENGLAS® will monitor the brightness and turn itself ON in the evening and OFF in the morning and set its brightness level automatically.



Align the dot on the module with the glass jar flip switch to make it work.



As soon as you flip the magnetic switch, the LEDs in your SONNENGLAS® will light up.



Automatic Mode (Day/Night Sensor)

Once the switch is set to On, your Lantern will then operate fully automatically and turn itself On in the evening and Off in the morning, using the Day / Night Sensor. It will control the brightness intelligently according to the surrounding brightness, battery level and sun conditions.



Decorating the Glass Jar

The Glass Jar gives you creative room to decorate the inside with your favourite memories and decorations. To decorate the inside as you please, simply unscrew the lid and unleash your creativity.

Share your decorations with our community on Social Media or get inspired:



instagram.com/sonnenglas
#sonnenglas

Harvesting Sunshine

SONNENGLAS® gets its power from harvesting the energy from our most sustainable source of energy: The Sun.

SONNENGLAS® is equipped with one of the world's most efficient solar cells engineered in Germany. The charging performance still varies greatly depending on weather, time of year, and position of the sun. SONNENGLAS® can charge most effectively if you expose it to direct sunlight, and position it so that the solar panel faces towards the sun.

Rule of thumb:

If you can feel the sun on your skin, the conditions are also ideal for SONNENGLAS®.



Windows (especially insulated ones) can reflect a lot of sunlight and degrade charging performance.

To fully charge your SONNENGLAS® using solar energy, it **ideally requires direct sunshine**.



You can test if the module is receiving enough sunlight to charge

1. Expose the solar panel to the sun for at least 10 seconds while the product is OFF
2. Quickly shade off the solar panel by covering it (i.e. with your hand)
3. If the dot lights up after a few seconds, it means the previous exposure was sufficient to successfully charge



**Direct Sun /
Summer**

1hr Sunshine =
up to 2hrs run time



Cloudy Day

1hr Sunshine =
up to 0.5hrs run time



**Shade / Night /
Overcast Winter Day**

No Charging

*Times vary depending on LED brightness settings. Runtimes based on MEDIUM brightness setting.



Our Impact

Social Entrepreneurship & Fair Trade

Since our inception, we have been directly connected to the lives of the people who manufacture our products.

Lovingly crafted in our factory in South Africa, we employ people from disadvantaged communities and help to alleviate youth unemployment in poverty stricken areas. We provide training, pay living wages and operate our company according to strict FAIR TRADE standards.

Creating impactful products

Across Africa, the use of kerosene lamps is still prevalent. They are not only costly as they require constant refilling, they also often cause deadly fires. SONNENGLAS® products provide people safe, innovative and also environmentally friendly sources of light.

Clean light for you – a bright spot for everyone

With SONNENGLAS® you contribute in a sustainable way to make this world a brighter place for you and for others.



reddot award 2019
winner lighting design





**SONNENGLAS® is a light
that shines in many different ways.**

Contact Us

We are always open for exchange and inspiration.
We'd love to hear from you!

info@sonnenglas.net • www.sonnenglas.net



#sonnenglas

EU: +49 (0) 7062 66 50 100

NORTH AMERICA: +1 (813) 278-6403

SONNENGLAS GMBH

Ünner'n Diek 62, 25724 Neufeld, Germany

SONNENGLAS LOGISTICS EUROPE

Bahnhofstr. 6, 65623 Hahnstätten, Germany

SONNENGLAS SOUTH AFRICA

Victoria Yards, 16 Viljoen Street,
Lorentzville, Johannesburg, 2094, South Africa



SONNENGLAS® Classic
1000ml



SONNENGLAS® Mini
250ml



SONNENGLAS® SOMO
Classic/Mini



sonnenglas.net/gen6-manual

www.sonnenglas.net



Made with Love in South Africa