



## SONNENGLAS® Fact sheet

Use	Indoors and outdoors. The rubber seal prevents moisture getting inside. Below 0°C the batteries lose part of their charging capacity.
Size, weight	Height: approx. 18 cm. Diam.: approx. 11.5 cm. Content: 1 litre. Weight: approx. 700 g.
Components	1 solar module (4.5 V, 135 mA). 1 Li-Ion battery (3.7 V, 600 mAh). 4 LEDs. On/Off magnetic switch. Stainless steel threaded ring. Glass vessel. Wire frame. Micro-USB port to charge the batteries (cable not included.) Serial number 1818557 and up: the electronic components are protected by a plastic shell (dome) that is welded onto the solar module.
Rating	120 mW. Light output: 19 lm. Light colour temperature: 4,000 Kelvin.
Charging	<ul style="list-style-type: none"> <li>• Switch off your SONNENGLAS, if possible charge it outside in direct sunlight.</li> <li>• Tilt your SONNENGLAS so that the sun shines vertically onto the solar module.</li> <li>• Alternatively charge it using the micro-USB port (cable not included).</li> </ul>
Full battery charge time	In direct sunlight: <b>Summer:</b> 6-9 hrs. <b>Spring/Autumn:</b> 10-12 hrs. <b>Winter:</b> several days. Add about 2 hours if the sky is overcast. Micro-USB: 5 hrs. Overcharging is not possible.
Operating time	Up to 12 hrs if fully charged.
Switching it on	Flip the magnetic switch on the solar module to the white dot.
Battery management	To protect the batteries, SONNENGLAS automatically switches off if the battery charge drops below 15 %.
Screwing the solar module in place	Place the solar module on the glass such that the white dot points to the white flip magnetic switch. Press the solar module onto the glass and turn the screw ring until tight. Alternatively: Turn the wire frame with the magnetic switch to the white dot.
Storage	Store in a dry place at between 5 and 30°C. After a lengthier period of disuse, fully charge SONNENGLAS. Expose SONNENGLAS to sunlight every 3 months.
Service life	The batteries can be charged fully at least 800 times. If used normally the service life is therefore about 5 years. Battery replacement programme independent of the warranty.
Warranty	1 year warranty from the date of purchase on a replacement basis (for the electronic components). The Terms & Conditions apply. Warranty can be extended to 2 years, then a battery replacement programme is available.
Origin, production	Developed and manufactured in South Africa.

## Useful tips

LEDs only light up briefly	Charge fully for 2-3 days (or 5-6 days in winter) to recalibrate SONNENGLAS. Alternatively, charge using the micro-USB port.
You can't open your SONNENGLAS	Take an all-purpose opener for preserves jars. The glass is very robust. (Pressure difference: Johannesburg is at an altitude of 1,600 m)
Screw top does not fit on the thread	Turn the screw top slightly and find a different starting position and/or reinsert the rubber seal.