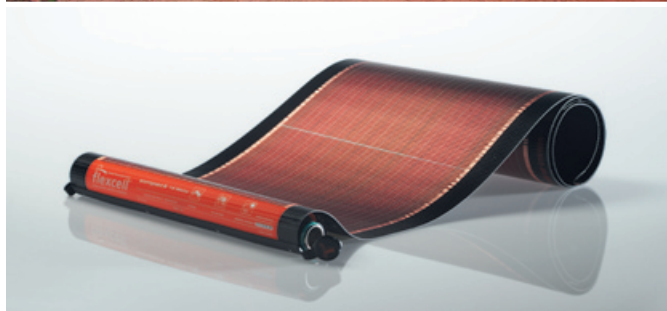


Sunpack solar charger

Outdoor & Camping

Solar charger for electronic devices



The Sunpack is a lightweight solar charger which is compact and rollable.

The Sunpack is your ideal companion for all outdoor activities:

- Camping
- Trekking
- Mountain climbing

All activities where mobility is key!

It enables you to recharge your portable electronic devices such as, mobile & satellite phones, PDA's, GPS, MP3 players, and digital cameras. Easily transportable, it is also easy to use thanks to its universal cigarette lighter.

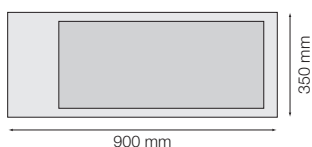
Thanks to our technology, we have developed a range of new generation solar chargers satisfying the most stringent demands with respect to mobility and free energy accessibility. All our products are flexible, lightweight, temperature and shadow tolerant.

Benefits

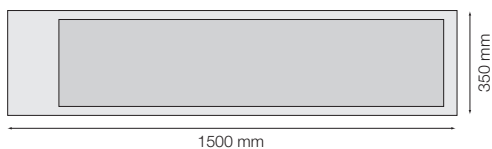
- Portable & Compact
- Functions in all weather conditions and sun orientations
- Enrollable

Technical drawing

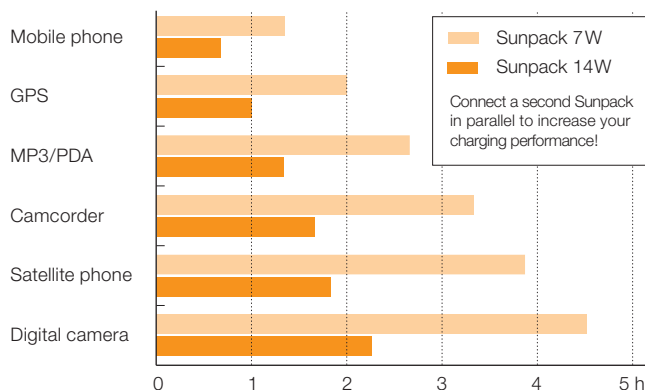
Sunpack 7W



Sunpack 14W



Charge time table (by full sunshine)



Specifications

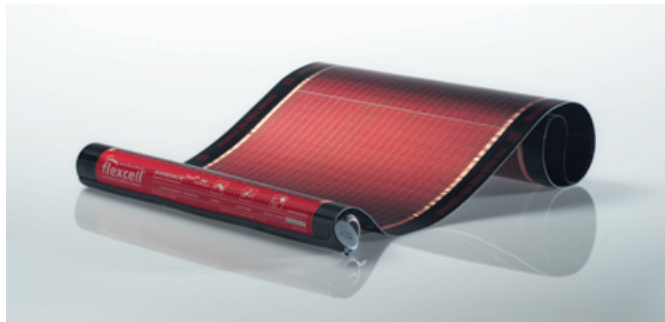
	Sunpack 7	Sunpack 14
Power	7 W	14 W
Operating voltage (Vmpp)	15 V*	15 V*
Operating current (Impp)	450 mA*	900 mA*
Open circuit current (Voc)	23 V*	23 V*
Short circuit current (Isc)	600 mA*	1200 mA*
Rolled dimensions	350 x Ø 55 mm	350 x Ø 65 mm
Unrolled dimensions	350 x 900 mm	350 x 1500 mm
Thickness	1.2 mm	1.2 mm
Temperature operating range	- 20° to + 60°C	- 20° to + 60°C
Weight	500 g	740 g
Connector	Universal cigarette lighter	Universal cigarette lighter

*Measured at Standard Testing Conditions (STC), 1000W/m², AM1.5, 25°C

Sunpack ion⁺ solar charger

Outdoor & Camping

Solar charger for electronic devices



The Sunpack ion⁺ is a lightweight solar charger with integrated Li-ion Battery Pack to provide power during the night.

The Sunpack is your ideal companion for all outdoor activities:

- Camping
- Trekking
- Mountain climbing

All activities where mobility is key!

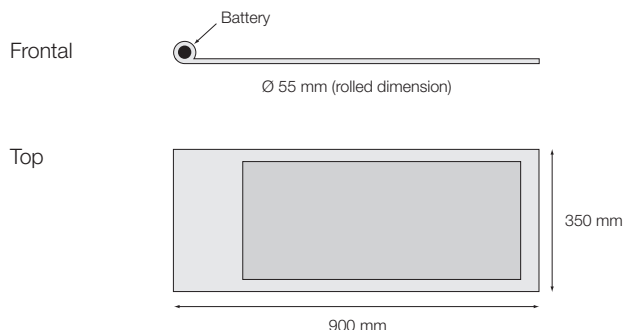
It enables you to recharge your portable electronic devices such as, mobile & satellite phones, PDA's, GPS', MP3 players, and digital cameras. The Sunpack ion⁺ includes an integrated Li-ion Battery Pack to provide power during the night.

Thanks to our technology, we have developed a range of new generation solar chargers satisfying the most stringent demands with respect to mobility and free energy accessibility. All our products are flexible, lightweight, temperature and shadow tolerant.

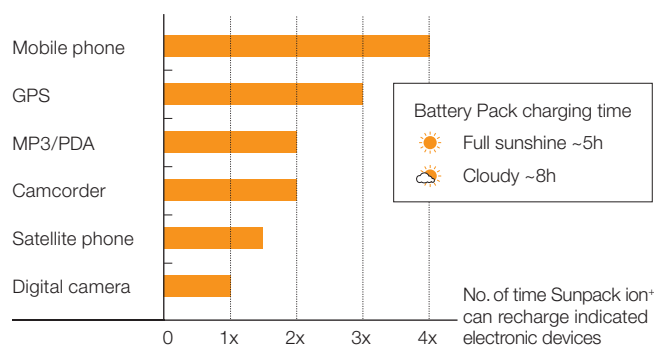
Benefits

- Portable & Compact
- Integrated battery
- Charge by day, use at night

Technical drawing



Charge time table



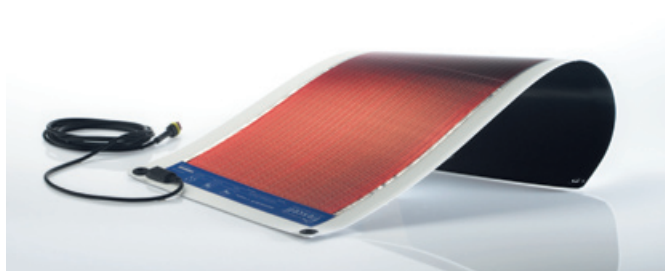
Specifications

Specifications	Sunpack ion ⁺
Power	7 W
Operating voltage (Vmpp)	12 - 16.8 V
Li-ion battery capacity	2.4 Ah
Maximum permanent operating current	2 A
Maximum permitted peak current	4 A
Rolled dimensions	350 x Ø 55 mm
Unrolled dimensions	350 x 900 mm
Thickness	1.2 mm
Battery charging time on average	7 hours
Weight	770 g
Connector	Universal cigarette lighter

Sunlick solar panel

Marine & Yachting

Solar panel for 12V batteries



The Sunlick is a lightweight, flexible and waterproof solar charger.

Perfect for battery maintenance and charging, the Sunlick flexible solar battery charger has been specifically designed for marine & yachting applications.

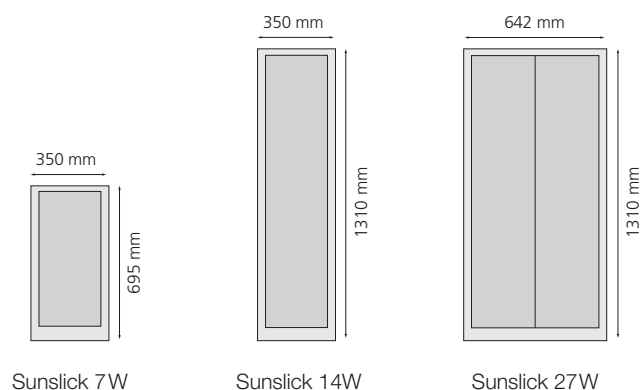
The Sunlick can be mounted on curved surfaces such as hatch covers, boat decks and vehicle roofs, or it can be tied to sail covers, dinghies and canvas awnings.

Thanks to our technology, we have developed a range of new generation solar chargers satisfying the most stringent demands with respect to mobility and free energy accessibility. All our products are flexible, lightweight, temperature and shadow tolerant.

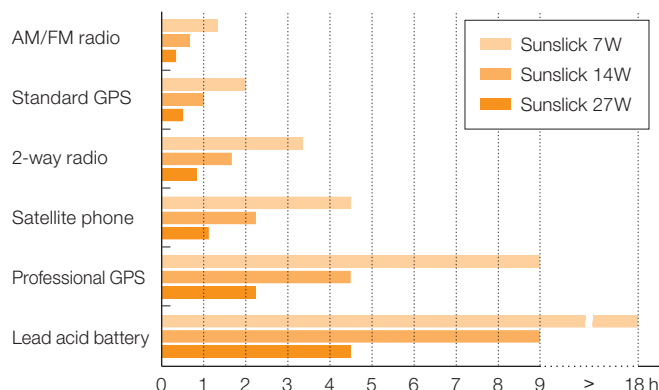
Benefits

- Light & No glass
- Easily storable
- Adaptable to curved surfaces

Technical drawing



Charge time table (by full sunshine)



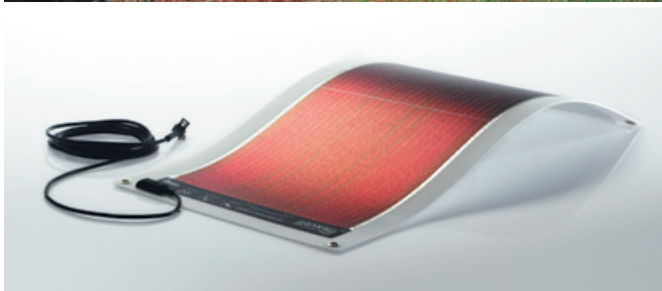
Specifications	Sunlick 7	Sunlick 14	Sunlick 27
Power	7 W	14 W	27 W
Operating voltage (Vmpp)	15 V*	15 V*	15 V*
Operating current (Impp)	450 mA*	900 mA*	1800 mA*
Open circuit voltage (Voc)	23 V*	23 V*	23 V*
Short circuit current (Isc)	600 mA*	1200 mA*	2400 mA*
Dimensions	350 x 695 mm	350 x 1310 mm	642 x 1310 mm
Active area	278 x 605 mm	278 x 1220 mm	572 x 1220 mm
Thickness	1.2 mm	1.2 mm	1.2 mm
Temperature operating range	- 20° to +60°C	- 20° to +60°C	- 20° to +60°C
Weight	480 g	900 g	1500 g
Connector	AMP 1.5 series IP67	AMP 1.5 series IP67	AMP 1.5 series IP67
Solar charge regulator	Available on request	Available on request	Available on request

*Measured at Standard Testing Conditions (STC), 1000W/m², AM1.5, 25°C

Sunboard solar panel

Off-grid & Remote

Solar panel for 12V batteries



The Sunboard is a lightweight solar charger, semi-rigid and unbreakable (containing no glass).

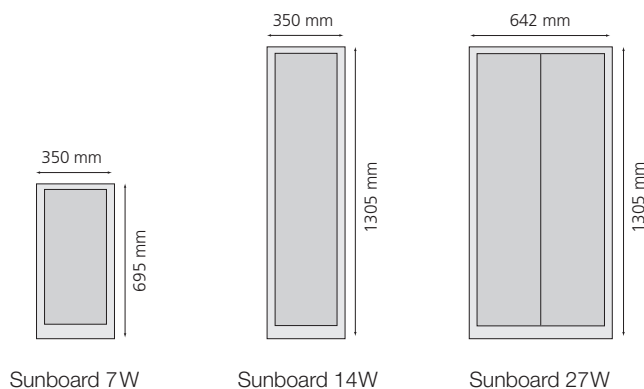
Perfect for 12V battery maintenance and charging, the Sunboard is the ideal charger for all small remote applications (rural electrification, garden house, caravan rooftops, etc.). It is therefore shock resistant and easy to handle and install.

Thanks to our technology, we have developed a range of new generation solar chargers satisfying the most stringent demands with respect to mobility and free energy accessibility. All our products are flexible, lightweight, temperature and shadow tolerant.

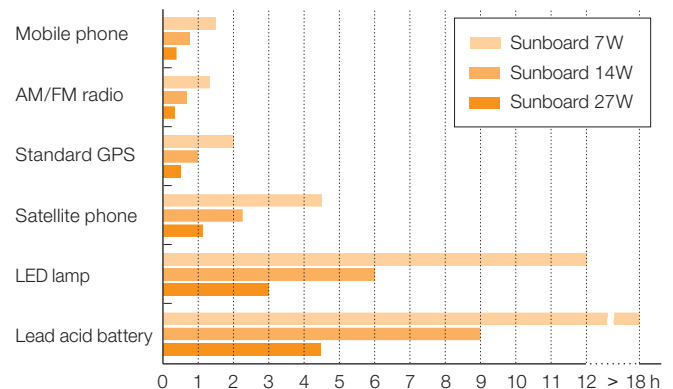
Benefits

- Easy to install
- No glass
- Light & Robust

Technical drawing



Charge time table (by full sunshine)



Specifications	Sunboard 7	Sunboard 14	Sunboard 27
Power	7 W	14 W	27 W
Operating voltage (Vmpp)	15 V*	15 V*	15 V*
Operating current (Impp)	450 mA*	900 mA*	1800 mA*
Open circuit voltage (Voc)	23 V*	23 V*	23 V*
Short circuit current (Isc)	600 mA*	1200 mA*	2400 mA*
Dimensions	350 x 695 mm	350 x 1305 mm	642 x 1305 mm
Active area	278 x 605 mm	278 x 1220 mm	572 x 1220 mm
Thickness	2 mm	2 mm	2 mm
Temperature operating range	- 20° to +60°C	- 20° to +60°C	- 20° to +60°C
Weight	720 g	1500 g	2900 g
Connector	AMP 1.5 series IP67	AMP 1.5 series IP67	AMP 1.5 series IP67
Solar charge regulator	Available on request	Available on request	Available on request

*Measured at Standard Testing Conditions (STC), 1000W/m², AM1.5, 25°C