

specification sheet

Application : portable solar panel for electronic devices

Power : 6.75 W

Operating voltage (Vmpp) : 15 V *

Operating current (Impp) : 450 mA *

Open circuit voltage (Voc) : 23 V *

Short circuit current (Isc) : 600 mA *

Rolled dimensions : 350 mm x Ø 65 mm

Unrolled dimensions : 350 mm x 900 mm

Thickness : 1.2 mm

Temperature operating range : -20°C to +60°C

Weight : 700 g

Connector : universal cigarette lighter socket (male and female)

Compatible accessories : AA and AAA battery charger, cigarette lighter adaptor (mobile phones, PDA, ...) and USB connections

CE Approval

* measured at Standard Testing Conditions (STC), 1000W/m², AM 1.5, 25°C



sunpack **3 years warranty**
solar energy for portable electronic devices



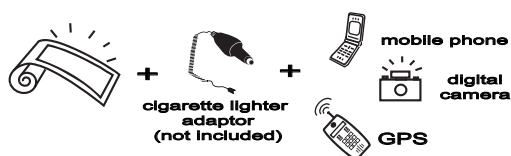
rollable



do not fold



weatherresistant



easy plug



easy parallel connection

mobile phone, standard GPS, PDA, MP3 player, smart phone, camcorder, digital camera, satellite phone

7 W	15 VDC	450 mA	/	battery capacity (mAh) :	600	900	1200	1500	2000
charging time in hours (measured in full sunshine)					1h20	2h00	2h40	3h20	4h30
2 x 7 W connected in parallel (15 VDC 900mA)					0h40	1h00	1h20	1h40	2h15

specification sheet

Application : portable solar panel for electronic devices

Power : 13.5 W

Operating voltage (Vmpp) : 15 V *

Operating current (Impp) : 900 mA *

Open circuit voltage (Voc) : 23 V *

Short circuit current (Isc) : 1200 mA *

Rolled dimensions : 350 mm x Ø 80 mm

Unrolled dimensions : 350 mm x 1500 mm

Thickness : 1.2 mm

Temperature operating range : -20°C to +60°C

Weight : 1100 g

Connector : universal cigarette lighter socket (male and female)

Compatible accessories : AA and AAA battery charger, cigarette lighter adaptor (mobile phones, PDA', ...) and USB connections

CE Approval

* measured at Standard Testing Conditions (STC), 1000W/m², AM 1.5, 25°C

sunpack **3 years warranty**
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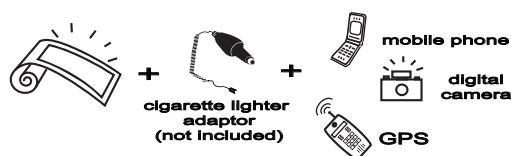
rollable



do not fold



weatherresistant



easy plug



easy parallel connection

mobile phone
standard GPS
PDA
MP3 player
smart phone
camcorder
digital camera
satellite phone

14 W 15 VDC 900 mA / battery capacity (mAh) :	600	900	1200	1500	2000
charging time in hours (measured in full sunshine)	0h40	1h00	1h20	1h40	2h15
2 x 14 W connected in parallel (15 VDC 1800mA)	0h20	0h30	0h40	0h50	1h10

Operating instructions

Product Description: Portable solar charger for electronic devices.

Product Specifications (@ STC*):

Specifications	Sunpack 7 W	Sunpack 14 W
Operating Voltage (VDC)	15	15
Operating Current (mA)	450	900
Weight (Kg)	0.70	1.1
Dimensions unrolled (mm)	350 x 900	350 x 1500

* measured @ Standard Testing Conditions (STC): 1000W/m², AM 1.5, 25°C

Temperature Operating Range: -20°C to +60°C

Disclaimer of Liability

This user manual contains safety, installation, performance, maintenance and technical information, which you should be familiar with before using your Flexcell solar panel. Please read it carefully!

Caution

Photovoltaic modules produce electricity when exposed to light. The voltage from a single module is not considered hazardous, however, if connected in series the shock hazard increases, due to increase in voltage. When connecting the Sunpack to batteries and other electrical equipment, please observe industry standards and manufacturer's safety precautions.

"Rules to respect"

- DO NOT crease or fold the Sunpack. Wrinkles in the solar module can cause potential short circuits and will impair the performance or destroy the product.
- ONLY handle the Sunpack by the textile parts.
- DO NOT mark or scratch the Sunpack with any sharp object.
- DO NOT attempt to recharge NON-RECHARGEABLE batteries.
- DO NOT sit or stand on the Sunpack.
- DO NOT immerse the Sunpack in water.
- ALWAYS roll the solar panel with the cell side (purple side) facing outwards. Follow the rolling procedure described in this user's manual.
- Make connections in a well-ventilated area free of flammable gases or vapours.



Installation instructions

1) Select best mounting location. Mount the Sunpack, with the cell side (purple side) oriented to the sun, in a location that will receive direct sunlight throughout the day. For maximum charging performance, position the product to face the midday sun.

2) If required, use corner grommets to properly tie or fasten the Sunpack. Sunpack must be sufficiently secured to avoid flapping in the wind.

3) Plug in your electronic device (mobile phone, PDA*, etc) into the socket indicated by the following symbol



using the cigarette lighter adaptor designated for your electronic device (refer to your electronic device manufacturer). Once connected, protect your electronic device from direct sunlight by putting it into the delivered Sunpack bag!

4) If necessary, connect a second Sunpack in parallel via the cigarette lighter male adaptor that you can easily pull out of the socket designated by the following symbol:



FAQs

How do I know which Sunpack's size I need?

Consult the application chart below.

Where do I get the cigarette lighter adaptor for my electronic device?

Consult your electronic device manufacturer.

Will this product drain my battery at night?

No. There is a built-in blocking diode to prevent reverse draining of current.

What if the product gets wet?

The Sunpack is weatherresistant, but it must not be exposed to rain for an extended period of time.

What if the product be submerged water?

Do not immerse the Sunpack in water. It will be damaged.

How do I clean and maintain the product?

The Sunpack requires practically no maintenance. Simply wipe the surface with a damp cloth or with a mild soap solution to clean the panel. Do not use any abrasive cleaner or solvent as this will damage the panel

Rolling procedure



Connections

Simply plug in your electronic device via a cigarette lighter adaptor (not included).



Connect a second Sunpack in parallel to increase charging performance!



sunpack

application chart

3 years warranty



rollable



do not fold



weatherresistant



cigarette lighter adaptor (not included)

mobile phone
digital camera
GPS



easy plug



easy parallel connection

mobile phone standard GPS PDA MP3 player smart phone digital camera satellite phone camcorder

battery capacity (mAh) / charging time in hours (@STC*):

	600	900	1200	1500	2000
7W 15VDC 450mA	1h20	2h00	2h40	3h20	4h30
2 x 7 W connected in parallel or 1 x 14W (15 VDC 900mA)	0h40	1h00	1h20	1h40	2h15
2 x 14 W connected in parallel (15 VDC 1800mA)	0h20	0h30	0h40	0h50	1h10