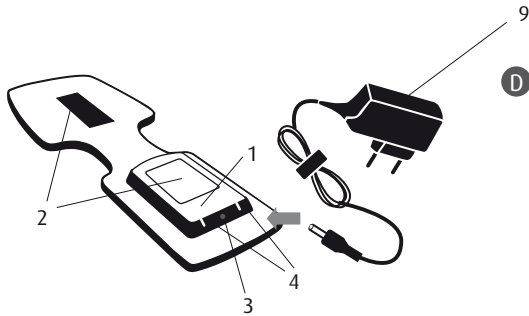
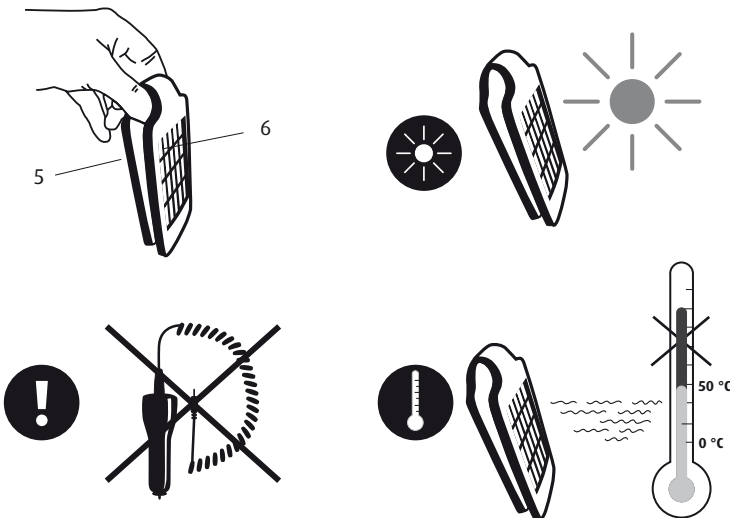


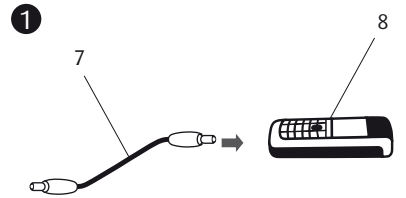
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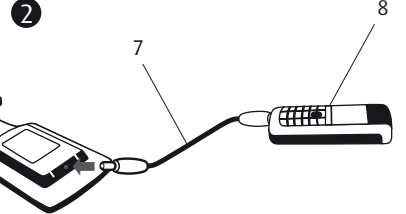
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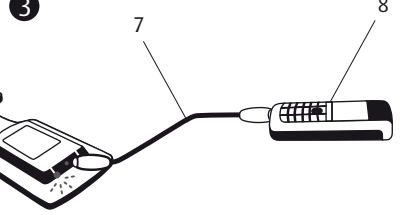
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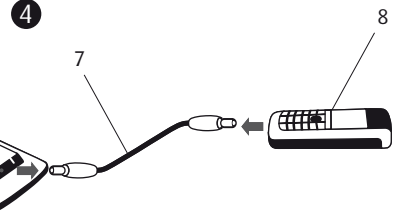
C



C



C



Descriptions for the numbers:

- Battery pack
- Hook-and-loop tape
- Input/output connector
- Green and red lights
- SolarStrap™ in folded position

Suntrica SolarStrap™

Congratulations on your purchase of Suntrica SolarStrap™, a solar powered charging device. Suntrica SolarStrap™ provides charging power to most devices having a charging voltage of 5 V DC, for example mobile phones, MP3 players, GPS devices, and digital cameras. The charging necessitates a device specific charging adapter, which can be purchased from your local distributor.

Before using SolarStrap™, carefully read this user guide and all instructions and cautionary markings on SolarStrap™, the device to be charged, and the mains adapter for charging SolarStrap™.

This guide contains important safety and operating instructions.

Contents of the box

- SolarStrap™ solar charger
- Charging cable
- User Guide

Available accessories

- Charging cables
- Mains adapter
- Target device specific adapters
- Cigarette lighter adapter

Important safety instructions

- Read and observe all warnings on Suntrica SolarStrap™ and in this user guide
- Power consumption of the connected device must not exceed 5.5 V DC, 800 mA
- Do not expose SolarStrap™ under water
- Do not place inflammable, explosive or hazardous objects near SolarStrap™
- Do not place any heavy objects on SolarStrap™
- Do not bend solar panel heavily
- Only use Suntrica charging cables and accessories with SolarStrap™
- **Charging of the SolarStrap™ from 12 V DC with a cigarette lighter cable other than approved by Suntrica Ltd. is strictly prohibited. Use of any non-approved cable may damage the SolarStrap™ permanently.**
- **Only use SolarStrap™ in an environment with the proper temperature (+0...+50 °C). Allow a sufficient amount of free space all around SolarStrap™ and ensure adequate ventilation.**
- Do not use SolarStrap™ if it has been subjected to damage
- Unplug SolarStrap™ from the mains power adapter when cleaning and when the battery is fully charged.
- **Unplug the charging cable from SolarStrap™ when not in use.**
- SolarStrap™ should not be disposed by burning or with other household wastes

Functional overview**Figure A and B:**

Suntrica SolarStrap™ gathers solar energy by the high efficiency solar panel and stores the energy into a light-weight battery. Green and red lights indicate the charging level of the internal battery, and the status of a charging circuitry. The Input/output connector is used for:

- charging a target device
- fast-charging the internal battery

The back side of SolarStrap™ contains a hook-and-loop fastener tape for locking SolarStrap™ in a folded position, and also for allowing easy attachment to various surfaces, e.g. to clothes and back bags.

Figure C:

SolarStrap™ provides charging power to most devices with a charging voltage of 5 V DC.

Figure D:

SolarStrap™ can be fast charged using a mains adapter available as an accessory.

- Solar panel
- Charging cable
- Target device to be charged
- Mains adapter (available as accessory)

How to charge with SolarStrap™

- Connect the charging cable to the target device
- Connect the other end of the charging cable to SolarStrap™
- Charging begins, this is indicated with two pulses of red light blinked at few seconds intervals
- After the target device is fully charged or the internal battery is empty (please, see charging level indication), remove the charging cable from both devices

Full SolarStrap™ can fully charge a typical mobile phone. The charging time is approximately similar with the mobile phone's own charging device. The charging feature is disabled, if the internal battery is empty. Plugging of the charging cable to the SolarStrap™ increases the power consumption of the electronics. Therefore, unplug the charging cable from SolarStrap™ when not in use.

Blinks**Description**

Charging of a target device in process.



Charging cable connected and Solar Charger ready to charge a target device.

Charging level indication

The green and red lights indicate the approximate charging level of an internal battery by regular blinks. The approximate charging level is interpreted as follows:

Blinks	Charging level	Battery status
● ● ● ●		Full
● ● ●		Nearly full
● ●		Half full
●		Nearly empty
●		Empty

Solar powered charging

Energy gathering from the light begins instantly, when SolarStrap™ is placed in light. Optimal charging performance is achieved outdoors in direct sunlight. Clouds and shadowing reduce the charging performance notably. The approximate performance of solar powered charging is presented in the following figure.



Charging time
1 hour
4 hours
8 hours



Talk time
0.25 hours
1.0 hours
2.0 hours



Standby time
10 hours
39 hours
78 hours

**Optimal solar charging position**

In order to achieve the best possible charging performance SolarStrap™ should be positioned toward the sun.

Charging using a mains adapter

When needed, the internal battery of SolarStrap™ can be fast charged by a mains adapter (accessory). First, plug a mains adapter to an AC wall outlet, and then plug the charging plug to SolarStrap™. Continuously pulsing red light indicates that the fast-charging is in process. The red light turns off, when the charging is finished. The charging time is typically two hours.

Troubleshooting

Problem: SolarStrap™ does not charge a connected device

Possible cause:	Solution:
The internal battery is empty	Charge SolarStrap™ in sunlight or by a mains adapter until the green light blinks
SolarStrap™ or the charging adapter is not compatible with the connected device	Contact your local distributor for confirming the compatibility and for selecting a suitable charging adapter for your device
The current consumption of the device exceeds the rated output of SolarStrap™	Indication: The red light blinks five times. Refer to the user manual of the device
Improper connection between device and SolarStrap™	Make sure that the charging cable is properly inserted into the device and SolarStrap™
Damaged charging cable	Replace the charging cable
Problems with the electrical circuits of SolarStrap™	Suntrica products have been tested in factory. If you suspect that the SolarStrap™ has been defected, please contact your local distributor

Problem: A mains adapter does not charge SolarStrap™

Possible cause:	Solution:
The internal battery is full	Indication: The green light blinks slowly four times after plugging the charger. Check the charging level of the battery
The service voltage of the mains adapter does not correspond with that of SolarStrap™	For ensuring that the product works properly and the guarantee is not void, use only original Suntrica mains adapter and accessories
Improper connection between mains adapter and SolarStrap™	Make sure that the charging cable is properly inserted into SolarStrap™
Damaged mains adapter	Replace the mains adapter
Problems with the electrical circuits of SolarStrap™	Suntrica products have been tested in factory. If you suspect that the SolarStrap™ has been defected, please contact your local distributor

Maintenance

- Use a soft cloth to clean SolarStrap™ exterior
- Do not use harsh chemicals, cleaning solvents or strong detergents
- Do not disassemble SolarStrap™

Technical specification

Rated input (mains adapter)	5.0 V DC, 500 mA
Rated output	5.5 V DC, 800 mA
Battery capacity	5.5 Wh, 1.5 Ah
Operation temperature	+0...+50 °C
Size (unfolded)	290 x 96 x 21 mm
(folded)	164 x 96 x 27 mm
Weight	65 g

Correct disposal of the product

The marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. This product should be disposed similarly with any other product having batteries and electrical components. This product should not be mixed with other wastes for disposal.

DECLARATION OF CONFORMITY

Hereby, Suntrica Ltd. declares that this SolarStrap™ SS-W203 product is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC.

A copy of the Declaration of Conformity can be found at <http://www.suntrica.com/DC-2010203001.pdf>

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WARRANTY

If you believe that you are entitled to a repair or replacement of your SUNTRICA product based on your statutory rights under the applicable national laws relating to the sale of consumer products or warranty given by the retailer who has sold the SUNTRICA product to you, please contact your retailer.

Your local distributor