



SUNTRICA 

SolarStrap™

Basic

SolarStrap™ SS-W100 offers optimized performance for entry-level mobile phones.

SolarStrap™ SS-W100 is a solar charging solution designed especially for entry-level mobile phones. It gathers solar energy with a powerful c-Si solar panel that enables instant and direct charging from the sunlight. Thanks to various charging adapters, SolarStrap™ is compatible with most of mobile phones, mp3 players, GPS devices, digital cameras and other devices utilizing 5 V charging voltage.

SolarStrap™ SS-W100 weighs only 85 grams. It has been manufactured using RoHS compatible, PVC-free and halogen-free materials and processes. One hour of solar charging gives around 1 hour 20 minutes of talk time or 50 hours of standby time for your cell phone. SolarStrap™ SS-W100 is available in black. It comes with integrated charging cable and a user guide.



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Technical specification:

Solar panel power (peak)	1.3 W, 5.4 VDC
Operation temperature	-20°C ... +60°C
Dimensions (unfolded)	356 x 181 x 9 mm
(folded)	206 x 124 x 20 mm
Enclosure	Flexible, water proof
Weight	85 g

Integrated charging cable is easy to bundle when not in use.

High power solar panel allows instant charging from sunlight.

Performance examples:



Solar charging time

30 mins
1 hour
3 hours



Talk time

40 minutes
1 hours 20 min
4 hours



Standby time

25 hours
50 hours
150 hours

Calculated for a cell phone having 300 hours standby time and 8 hours talk time with a 1000 mAh battery. Calculation assumes a direct sunlight perpendicular to the solar panel in outdoor conditions. Performance may vary depending on the location, network, SIM card, and cell phone usage.

Examples of use cases



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

About Suntrica

Suntrica is the leading supplier of solar charging systems and devices for the mobile and consumer electronics industry. Suntrica provides solutions to improve the operating time of products that change our everyday lives.

Excelling in adaptability and portability, Suntrica's charging solutions are versatile mobile applications that provide instant power supply to mobile phones, MP3 players, GPS devices and digital cameras for example.

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When You Need The Energy Most