



## 1i & Dsi Rollable Solar Charger for Iridium Satellite Phones



### OPERATING INSTRUCTIONS

SölStar™ Rollable Solar Chargers are made with patented technology. SölStar™ is made with professional marine-grade components and rugged UV-stabilized materials. It is waterproof.

#### Product Specifications

**Operating Voltage:** 12V - 15.4V  
**Operating Current:** 0.6 Amps  
**Weight:** 1 lb / 0.46 kg  
**Dimensions:** 11.5 x 38 in / 292 x 972 mm

Operating Voltage and Operating Current at AM1.5. Power performance may vary +/- 10% due to temperature variation, spectral variation, and related effects.

Please read the following information and instructions prior to using your SölStar™ 1i or Dsi Rollable Solar Charger.

#### Important Notes

**ALWAYS ROLL THE PRODUCT WITH THE SOLAR PANEL (DARK SIDE) FACING OUT! DO NOT FOLD OR CREASE.**

Although SölStar™ maybe used to power other electronic devices the SölStar™ has been optimized to power Iridium satellite phones. Other electronic devices maybe charged at consumer's own risk.

#### FAQs

##### If I have a problem with this product whom do I contact?

First, contact the company that sold you the product. Additional information is available at [www.solstarenergy.com](http://www.solstarenergy.com).

##### How do I know if it is working?

Your Iridium phone will indicate that charging is occurring.

You can also check the charger with a voltmeter.

##### Will this product drain my battery if left plugged in?

No. It has a built-in blocking diode to protect against reverse draining of current.

##### Can I leave it outside permanently?

The charger can be left outside permanently if maintained properly. It must be properly secured to avoid damage from high winds. Terminals should be kept clean and firmly connected.

##### What if the product gets wet?

No problem. The product is waterproof.

##### What if the product goes under water?

Simply wipe the product with a dry cloth and allow the product to dry before use. Avoid having the product completely submerged for an extended period of time.

##### Can I leave it outside in freezing temperatures?

Yes.

##### If I need more power, can I connect several of these together? How?

Yes it is acceptable to connect several SölStar™ Rollable Solar Chargers in parallel. Connect using the SölStar™ Rollable Daisy Chain Accessory (DC-1). Connect chargers up to a combined output of 20 Amps.

##### Can I use an extension cord?

You can use the 15-ft. extension cord accessory (EXT-1) complete with matching marine-grade connectors. Total cord length greater than 30 feet likely will result in reduced power output.

##### How do I clean the product?

Use a damp cloth with a mild soap solution.

##### Where can I get more product information?

Contact the company that sold you the product. Additional information can be found online at [www.solstarenergy.com](http://www.solstarenergy.com).

#### Instructions for Use

1. Unroll and place so solar panel (dark side) is face up with orientation to sun.
2. With the grommets on each of the corners, use a tie cord to hold the panel in place. This is important to reduce loss or damage from high winds.
3. Ensure the solar panel cord out of the junction box is well connected to the Iridium Cigarette Lighter Adapter.
4. If using extension cord for batteries, attach the O-ring battery terminal connectors at the end of the extension cord to your 12-volt battery or the 12-volt device you are directly powering.
5. You may leave the panel permanently connected to your battery since there is an included blocking diode in the junction box that blocks reverse draining of current from your battery. As with any permanent connection to a battery, safely clean the connections on a periodic basis as needed.
6. To store the product, simply disconnect the cords and roll with the SOLAR (dark) PANEL FACING OUT. Use the attached Velcro® strip to hold the roll in place.



The SölStar™ 1i & Dsi charger provides the following number of Amps for each hour in full sun: 0.6 Amps (600m Amps).

#### SölStar™ Accessories

##### FA-1 – 12-Volt Female Adapter

Connects SölStar™ charger to Iridium cigarette lighter adapter.

##### DC-1 – Daisy Chain Accessory

Use this to connect several SölStar™ chargers in parallel for increased current output (Amps).

##### SYN0039B – Cigarette Lighter Adapter (CLA)

Iridium CLA for Iridium satellite phones.

##### EXT-15 – Extension Cord

15-ft. extension cord.

##### EXT-15 BAT – Extension Cord with O-rings

15-ft. extension cord with O-rings.

#### SölStar™ Energy Devices

[www.solstarenergy.com](http://www.solstarenergy.com)

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#### Contact Info:

First please contact the company that sold you the product. For a list of dealers that carry SolStar products, please visit [www.solstarenergy.com](http://www.solstarenergy.com)

**Limited Warranty**

For a warranty claim, contact the company which sold you the product. Your original proof of purchase will be required. SolStar Energy Products warrants to the original purchaser that the product is free from defects in material and workmanship and will provide at least 80% of rated minimum power for a period of 3 years. Accessories are warranted to be free from defects in materials and workmanship for a period of 1 year. The duration of the Limited Warranty is from the date of initial purchase. The foregoing warranty does not apply to any products which have been subject to misuse, unauthorized modifications, neglect, improper testing, attempts to repair, or by accident, fire or other hazard. SolStar Energy Devices sole obligation and liability for modules failing to comply with this warranty shall be, at SolStar's choice, either to supply replacement products or to credit the amount due for such nonconforming products, provided that the warranty procedures have been followed. Disclaimer of Warranties: EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PRODUCTS ARE PROVIDED ON AN "AS-IS" BASIS, AND SOLSTAR MAKES NO WARRANTY IN CONNECTION WITH THE SUBJECT MATTER OF THIS AGREEMENT AND HEREBY DISCLAIMS ANY AND ALL IMPLIED OR STATUTORY WARRANTIES, INCLUDING ALL IMPLIED WARRANTIES OF TITLE, NON-INFRINGEMENT, QUIET ENJOYMENT, ACCURACY OF DATA, MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE REGARDING SUCH SUUBJECT MATTER. To the extent that a party may not, as a matter of applicable law, disclaim any implied warranty, the scope and duration of such warranty shall be the minimum permitted under such law.

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**How to use SōlStar 1i & Dsi Solar Charger:**

Step 1: Connect Iridium Phone to Iridium Cigarette Lighter Adapter

Step 2: Connect Cigarette Lighter Adapter to Female Adapter

Step 3: Connect Female Adapter to rollable charger

Step 4: Orient solar charger towards sun for optimal charging



Iridium 9505 / 9505A  
Satellite Phone



Step 3



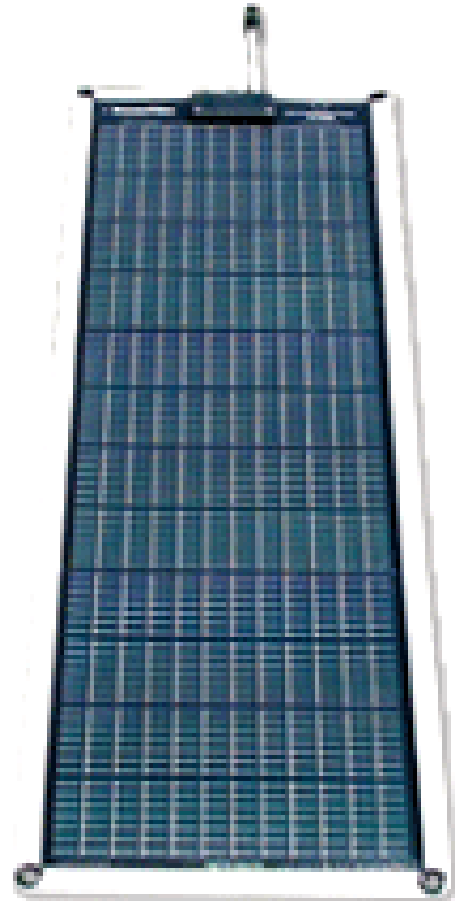
Female Adapter



Iridium Cigarette  
Lighter Adapter  
(9505)



Iridium Cigarette  
Lighter Adapter  
(9505A)



SolStar™ 1i/Dsi  
Rollable Charger