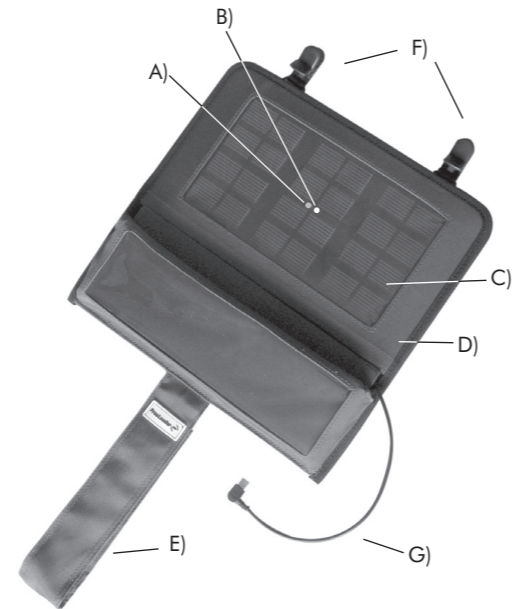


# Supercharger<sup>pro</sup>

*The superfast way to charge FreeLoader Pro*

## User Manual

Model - SC9002



- A) Charging indicator (GREEN)
- B) Power available indicator (RED)
- C) Solar cell
- D) Tough case
- E) Adjustable Velcro strap
- F) Fasteners
- G) Freeloader Pro connection lead

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### Electrical Characteristics

Power: 1.8watt  
Output current: 300mAh  
Output voltage: 6v  
Weight: 249gm (411gm when combined with Freeloader Pro)  
Dimensions: 251 x 256 x 6mm  
Operating temperature range: -20 to +80 °C

### Components Included:

1 x Supercharger Pro Solar Cell  
1 x Tough Case

### Performance

The charger will fully charge a FreeLoader Pro in as little as 3 hours\* if the charger is facing the sun. Longer charge-up times should be expected if facing away from the sun or on a cloudy day.

\* Average

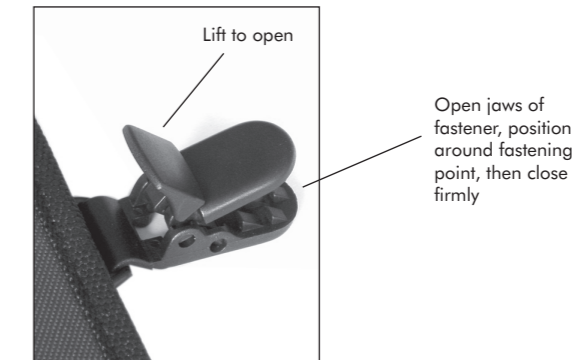
**NOTE – This product is designed for use with FreeLoader Pro ONLY. Use with any other solar charger may result in damage to the charger.**

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### Operation Instructions:

#### 1. To Fix Supercharger Pro onto bag

Supercharger Pro can be fixed with either with the fasteners and/or the adjustable Velcro strap, whichever offers the most secure fixing. Take care when opening the teeth of the fasteners - always lift up the rear of the fasteners first.



**Tip** - Supercharger Pro will always perform at its best if held on a tilted plain (45 degrees or vertical) if facing the sun or on the horizontal plain if facing away from the sun.

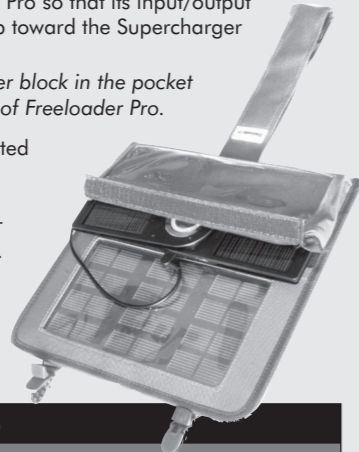
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## 2. To Charge FreeLoader Pro using Supercharger Pro

Open FreeLoader Pro so both solar panels are exposed. Open the pocket on Supercharger Pro (the top edge nearest the solar panel has a Velcro strip securing it). Insert the FreeLoader Pro so that its input/output sockets are facing up toward the Supercharger Pro's solar panel.

**Note** – there is a filler block in the pocket to support the panel of FreeLoader Pro.

Connect the cable fitted inside Supercharger Pro's pocket to the socket on FreeLoader Pro named "DC-IN". Supercharger Pro and FreeLoader Pro are now ready for use.



### LED INDICATORS

#### On Supercharger Pro

**LED A** This will be illuminated GREEN if FreeLoader Pro is connected and Supercharger Pro is delivering full power (as it will in sunshine)

**LED B** This will be illuminated RED indicating that there is available power from Supercharger Pro but FreeLoader Pro is not connected or incorrectly connected

#### On FreeLoader Pro

On connection to FreeLoader Pro, LED B (GREEN) will lighten up to show charging is in progress - there will be no LED's alight on FreeLoader Pro

**Please note** - prolonged exposure of FreeLoader Pro to sun/daylight will not damage the battery because of its in-built advanced charge control electronics, therefore Supercharger Pro can be left connected to FreeLoader Pro long term without risk of damage.

### 3. When to use Supercharger Pro

Supercharger Pro can be used in all weather conditions, however, the pocket that houses FreeLoader Pro should be securely fastened using the Velcro closure and in torrential rain we would recommend keeping both products in a dry location.

### 4. Cleaning

It is important for optimum performance that Supercharger Pro's solar panel is kept clean and free from dust, condensation etc. Therefore, if Supercharger Pro has been used in wet or dusty conditions, as soon as possible remove the solar cell from the tough case and clean the cell with a soft cloth. The tough case can be brushed free of dust and it's clear window cleaned or allowed to dry.

### 5. Warning

Supercharger Pro is only designed to be used in conjunction with FreeLoader Pro. Do not use it to charge any device directly or to power any other type of charger.

### 6. Special Note

Since FreeLoader Pro was launched, a technical modification was made to the circuit board to enable it to be compatible with Supercharger Pro. If you are in possession of the very first batch of FreeLoader Pro it

will need to be modified. You can easily identify if your FreeLoader Pro is from the first batch. Only FreeLoader Pro from this batch has the four segment circle around the "Pro" part of the logo (fig 1). Subsequent batches have the two segment circle (fig 2). If your Pro is the later it will be fully compatible with Supercharger Pro.



If you have the four segment logo please return your FreeLoader Pro to Solar Technology International Ltd, Unit 4, Station Drive, Bredon, Nr. Tewkesbury, Glos. GL20 7HH. We will return your FreeLoader Pro, fully modified and tested along with a cheque for £3.50 to cover the cost of your return postage. We apologise for this inconvenience.

### 6. Warranty

Supercharger Pro is supplied with a 12 month warranty. Should a failure occur during this time Solar Technology International Ltd will repair or replace any fault, at its discretion.

Solar Technology International Ltd does not accept liability for any 3rd party damage how so ever caused or any costs associated with the return postage of faulty products.

To make a warranty claim please telephone Solar Technology International Ltd on 01684 774000.

These warranty conditions in no way affect your statutory rights. A full set of Solar Technology International Ltd terms and conditions are available on request.

## Solar Technology International Ltd

Solar Technology International Ltd continues to develop innovative ways to use solar electric cells as an alternate power source to grid connected mains. We have products such as solar panel kits, interior solar lighting kits, solar security products even fun solar models.

To find out more about us contact us at:

- **online:** [www.solartechnology.co.uk](http://www.solartechnology.co.uk)
- **email:** [us@solartechnology.co.uk](mailto:us@solartechnology.co.uk)
- **telephone:** 01684 774000

or write to us at Solar Technology International Ltd, Unit 4, Station Drive, Bredon, Nr. Tewkesbury, Glos. GL20 7HH, UK.

### WE WANT YOUR PICTURES!

We are seeking images of you and your FreeLoader Pro/Supercharger Pro in action in the weirdest and most wonderful places around the world. For every picture we publish on our website you will receive a complimentary mains or car charger to suit FreeLoader Pro.

Please email your images to [sales@solartechnology.co.uk](mailto:sales@solartechnology.co.uk) and don't forget to include your mailing address.

Note: We can not guarantee to publish every image received –the final decision to publish or not will be made by Solar Technology International Ltd. By sending the image the sender automatically grants Solar Technology International Ltd approval to use the image for any future use in marketing its FreeLoader Pro product.