

# Mobile PV System Solargear Ref. SG0521MNE

## Operating Instructions

### Applications

- A solar charger designed for charging mobile appliances, such as smartphones, tablets and mobile batteries by sunlight.

☀ **Note:** Not all the products may be charged with this product.

### Features

- No batteries or AC outlets necessary for safe charging and air transport all over the world.
- A light yet impact resistant A4 sized three fold solar panel with high performance mono crystalline solar cells with 24% efficiency laminated with better light transmitting and long life ETFE.
- IP67 dust and water proof solar panel with a USB port with protection plug.
- High capacity mobile appliances or mobile batteries can be charged with 5V/2.4A USB output.
- Equipped with an auto-resume charging function for fool-proof charging under unsettled weather.
- A red LED on the junction box indicates that the solar panel is working.

### Important Safety Instructions

- Do not connect unauthorised cables to the input/output ports of mobile appliances or mobile batteries.
- Do not touch metal objects to the input/output ports of mobile appliances or mobile batteries.
- Do not short circuit, or disassemble mobile appliances or mobile batteries.
- Do not put mobile appliances or mobile batteries into water.
- Do not leave mobile appliances or mobile batteries near fire, in a hot car, or in a place prone to rain or snow.
- Do not drop, place heavy weight, or allow strong impact on mobile appliances or mobile batteries.
- Stop charging in case of leakage from mobile appliances or mobile batteries.
- Stop charging in case mobile appliances or mobile batteries become unusually hot.
- Disconnect USB charger cable from mobile appliances or mobile batteries after batteries have completed charging.

### Important Note

- We are not responsible for any physical damage to the appliances, any loss of memorized data, any interruption of business, and any loss of business opportunities caused by this product.

### Maintenance

- Clean this product with a dried or dampened cloth. Do not use oil, solvents, petrol or paint thinners for cleaning.

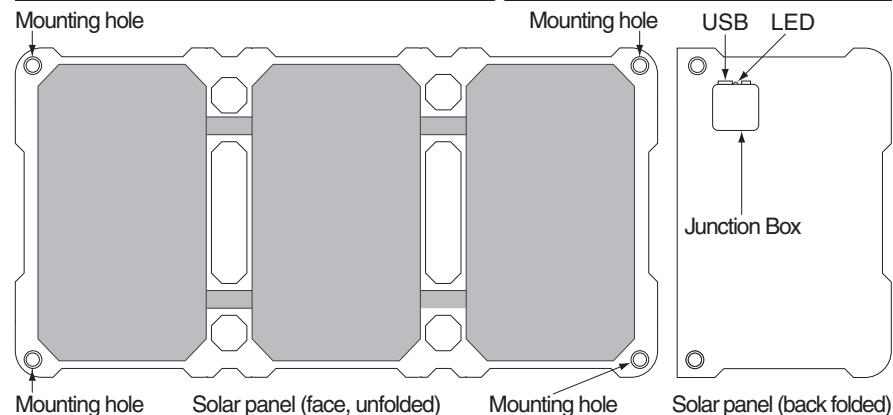
### Warranty

- 1 year from the date of purchase

### Specifications

- Materials: ETFE + EVA + mono crystalline solar cells + EVA + TPT + ETFE
- Cell efficiency: 24%
- Max. output\*: USB: 5V/2.4A  
\*panel temperature 25°C AM1.5 1kW/m2
- Dimensions: 580X293X3mm (unfolded) 293X192X32mm (folded)
- Weight: approx. 680g (excl. accessories)
- Mounting holes: 8mm grommet X 4
- Output terminals: a USB port with protection plug
- Safety features: DC-DC converter with auto-resume charging function
- Charging indicator: a red LED
- Protection level: IP67
- Operating temperature: -10 - 60°C

### Feature Diagram



### How to Use

- 1 Pull the protection plug out of USB port and connect the USB charger cable of mobile appliances or mobile batteries.
- 2 Face the solar panel towards the sunlight to charge mobile appliances or mobile batteries. For the most efficient charging, adjust the direction and angle of the solar panel 90 degrees in opposition to the sun rays.
- 3 The red LED on the junction box indicates that the solar panel is working.
- 4 When you have completed charging, disconnect the USB charger cable of mobile appliances or mobile batteries from USB port and insert the protection plug into it.

### STUDIO DEL SOLE INC.

1-101, City Court Meguro, 2-10-34, Kamiosaki, Shinagawa-ku, Tokyo 141-0021, Japan.  
Tel: +81-3-5423-6801 Fax: +81-3-5423-6802 E-mail: support@violetta.com

**www.solargear.jp**

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