



SOP-10200

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ENG

# User manual

## Safety information

1. Avoid overheating the electronic board with USB port. During use, keep the board with USB port protected from direct sunlight.
2. During use the product will be subject to high temperature, pay attention to not burn yourself.
3. Do not use in damp room or in the rain. If the product comes into contact with water, moisture or other liquids, do not use it to avoid any electrical shock or damage.
4. Never insert metallic objects such as keys or paper clips into the ports of the product.
5. To prevent malfunction or damage to the product, avoid accidental falls, do not crush, puncture or exercise a high level of pressure on the product.
6. Do not store or expose your product to any source of heat, radiators, stoves or other heat sources such as the dashboard of your car in the summer.
7. The shell may become hot during operation, please do not worry, this is normal.
8. Condensation may occur when moving from a cold environment to a warm environment, and immediate use of the product may damage it. Before connection and reuse, the product needs to reach room temperature. This may take several hours.
9. Temperature of use: -20°C - +65°C.
10. Do not try to modify, repair or disassemble the product.
11. Do not use a damaged product.
12. Do not under any circumstances use aggressive cleaning agents, alcohol or other chemical solutions for cleaning as they can damage the housing or even impair the functionality of the product.

## Technical specifications

Model	SOP-10200
Peak Power	20 W
Conversion efficiency	21 %
Open Circuit Voltage (Voc/V)	21.6 V
Short Circuit Current (Isc/A)	1.23 A
Maximum Power Voltage (Vmp/V)	18 V
Maximum Power Current (Imp /A)	1.11 A
Operating Temperature (°F/°C)	-4°F - +149°F (-20°C - +65°C)
Unfolded Size (L*W*D)	585*280*3 mm
Folded Size (L*W*D)	192*280*20 mm (3-Fold)
Weight	800 g

ENG 1

Power Regulator Module Specifications	
Output 1	USB: 5V/3A 9V/2A 12V/1.5A
Output 2	DC 5-18 V
Indicator Light (RED)	The power indicator lights up when power is connected, and goes out when power disconnected.

## Accessories

User Manual x1  
Carabiner x2

## Using

1. After unfolding the product, place it on a flat surface, away from direct water jets, with solar panels facing the sunlight. Place the board with USB port protected from direct sunlight.
2. Connect a USB cable to the device you want to charge.
3. Connect the USB cable to the solar charger's USB port.
4. With sufficient sunlight, charging will begin.
5. Disconnect the USB cable from the charger after use.
6. Store the charger in a cool and dry place away from heat sources, moisture and dust.

## Cleaning

1. Disconnect all cables before cleaning.
2. If necessary, clean the solar charger with a damp cloth and let it dry completely before use.
3. Use a clean brush with soft, long bristles to remove dust on the connectors.
4. Do not use any solvents, corrosive or gaseous cleaning agents. Make sure no water or other liquids penetrate the housing.

ENG 2

Please notice - All products are subject to change without any notice. We take reservations for errors and omissions in the manual.

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Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment and batteries) is not handled correctly.

Electric and electronic equipment and batteries is marked with the crossed out trash can symbol, seen above. This symbol signifies that electric and electronic equipment and batteries should not be disposed of with other household waste, but should be disposed of separately.

As the end user it is important that you submit your used batteries to the appropriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have established collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

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ENG 3

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ENG 4

Version 1.1