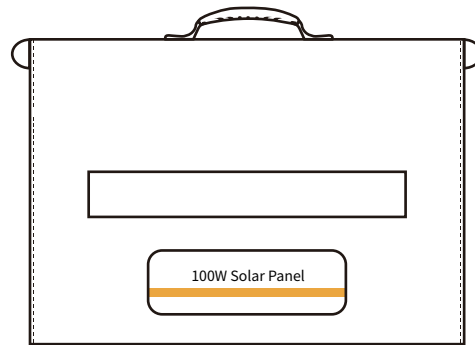


VTOMAN

Power Outdoors for Camping



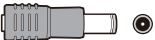
VTOMAN 100W Solar Panel
OUTPUT: 100W/18V

USER GUIDE

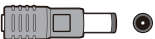
Model :	VTOMAN SP100
Peak Power:	100W
Cell Efficiency:	22%
Power Voltage:	18V
Power Current:	5.5A Max
Short Circuit Current:	6A
USB-A:	5V3.4A/9V2.5A/12V2A
USB-C:	5V3A/9V3A/12V3A/15V3A
Operating Temperature Range:	14°F-140°F
Folded Dimensions:	21.26*21.26*1.57inch
Unfolded Dimensions:	42.52*21.26*0.98inch

10 in 1 connector

7.9*5.5*0.9mm (8.0)



7.4*5.0*0.5mm



6.0*4.2*1.0mm



6.3*3.0mm



5.5*2.5mm



5.0*3.0*1.0mm



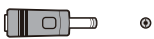
5.5*1.7mm



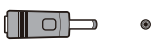
4.8*1.7mm



4.0*1.7mm



3.5*1.35mm



Safety Tips

- * Do not bend the solar panel (the angle is more than 30°), or it will be broken.
- * The solar panel is IPX4 water-resistant. Avoid falling into water or used in the rain.
- * Do not clean the solar panel with water. Please use the wet cloth to scrub it gently.
- * Do not use or store the solar panel near the heat sources like a fire or heater.
- * Do not pierce the solar panel casing with a nail or other sharp object, break it open with a hammer, or step on it.
- * Do not disassemble the solar panel.
- * This product can not contact strong corrosives objects.

Wide Compatibility

- * USB-A Port: Compatible with phones, tablets, DV, etc which can support QC 3.0, and the device is 5V/3.4A, 9V/2.5A, 12V/2A Max
- * USB-C Port: Compatible with phones, tablets, DV. The device is 5V/3A, 9V/3A, 12V/3A, 15V/3A Max
- * 18V DC port: 18V/5.5A (Max)
- * With 10 in 1 connector included: 5.5*2.1mm connector compatible with our VTOMAN portable power station. Different size of 10 connectors are perfect to charge most solar generators/portable power stations on the market.

Frequently Asked Questions

- Q: Are the VTOMAN 100W solar panel waterproof?
- A: Yes. The solar panel surface is IPX4 waterproof. But do not recommend to use in the rain or fall into the water.
- Q: If my USB device needs an input current of 1A, will the 2A output of the solar panel damage it?
- A: No. This solar panel has intelligent charging, detecting the needs of your device, and delivering exactly what it needs. If your phone accepts 1A, the charger will deliver 1A.
- Q: What if the foldable solar panel is not charging my devices?
- A: 1. Check the manual of your device to ensure the input voltage is 18V.
2. Cloudy weather and indirect sunlight may cause fluctuations in the current so that it may hinder or prevent charging. Place the charger in direct sunlight or wait for the weather to clear.
3. Wipe the panels clean with a damp cloth between usages to prevent scratching.
4. Avoid exposure to fire, water, and chemical liquid.
- Q: If it is partly cloudy or shady will the solar panel still work?
- A: Yes, however, the charging efficiency will be low causing prolonged charging time.

Contact Us

12 month warranty since purchase date and lifetime friendly customer service.If you still have questions after reading this manual, please email us at: service@voltronic.de

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