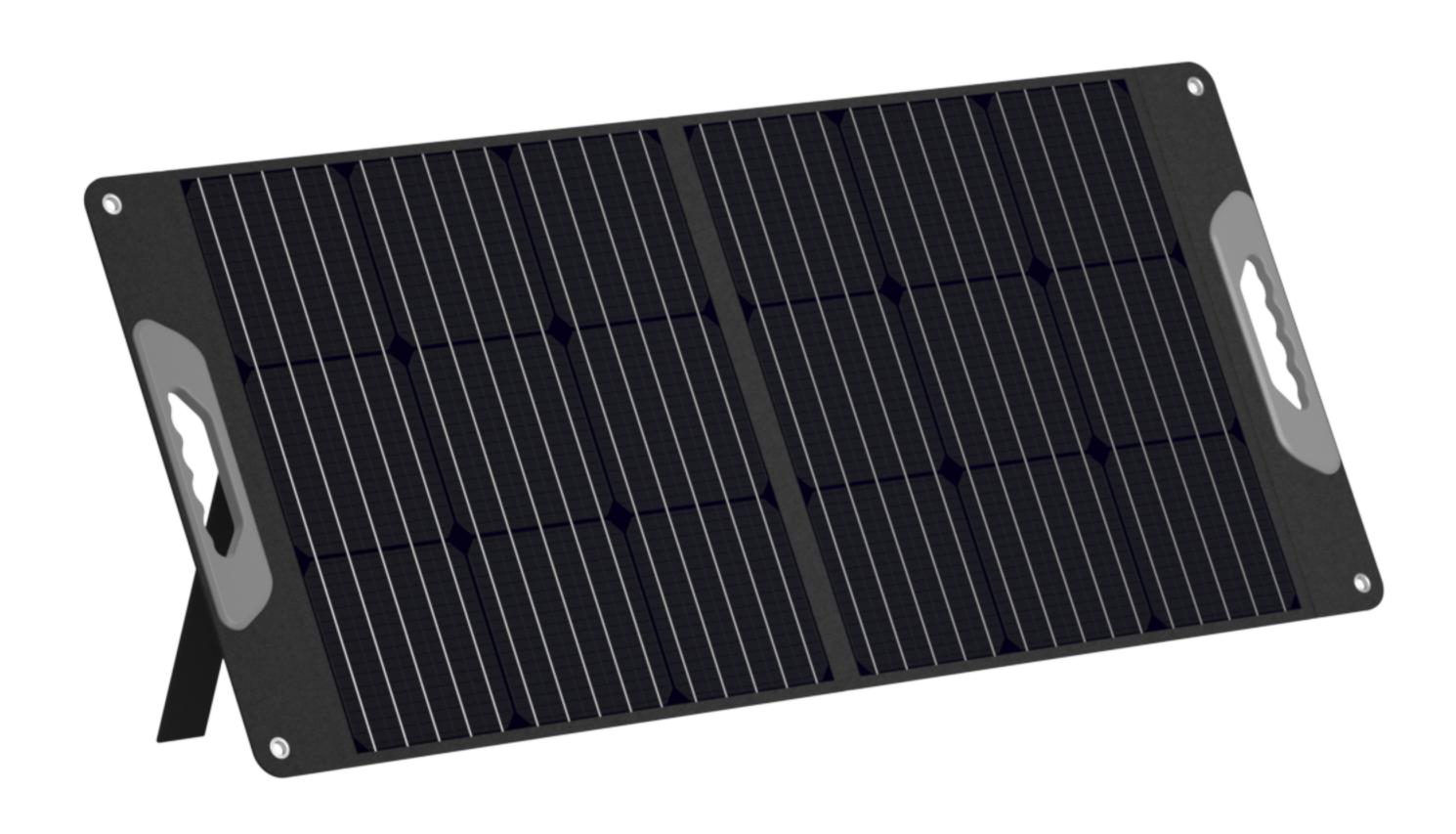
POWEREPUBLIC



Model: PV100
User Guide

Technical Details:	
Model:	PV100
Peak Power:	100W±5%
Solar Cell Lamination:	ETFE
Cell Efficiency:	≥22%
Open Circuit Voltage(Voc):	21.6V
Voltage at Max Power(Vmp):	18V
Short Circuit Current(Isc):	6A
CurrentatMaxPower(Imp):	5.56A
USB Output:	5V/2.4A
QC3.0 Output:	5V/3A,9V/3A,12V/3A
Typc-c Output:	5V/2A,9V/2A,12V/2A
Short Circuit Protection:	Yes
Dimension(Unfolded):	46.3*20.5*0.63inch(1177*520*16mm)
Dimension(Folded):	23.2*20.5*1.2inch(590*520*30mm)
Weight:	8.16lbs(3.7kg)
Operating Temperature:	14-158°F(-10-+70°C)
Warranty:	24Months

Safety Tips:

- Do not bend the solar panel.
- Do not soak the solar panel into water or any other liquid.
- Do not use or store this solar panel near fire or heater.
- Do not scratch the solar panel with sharp objects.
- Do not dissemble the solar panel by yourself.
- Do not put corrosive substance on this solar panel.
- Ensure shade from trees, buildings, and any other obstructions do not block sunlight while using the panels.
- Do not use this product as a children's toy.
- Please note that the solar panel may be damaged by falling or impact.
- During recharging, keep your portable power station away from heat and direct sunlight to extend its life span.

Warranty:

24 months warranty and lifetime technical support.

FAQ(Frequently Asked Questions) Q: What's the compatibility of the solar panel?

Currently compatible with below models but not limit to:

- T306(296Wh)
- T1200(1110Wh)
- T2200(2240Wh)
- T3000(3200Wh)

*FYI: Please consult the seller if you want to confirm the compatibility with3rd-party devices.

Q: What may affect the conversion rate of the solar panel?

1.The weather condition(Prime Sunshine is recommended)

2.Working environment temperature

3.The length of the solar panels

4.The angle of the solar panel towards the sun.

Q: How to decide the number of solar panels required to recharge?

- 1. The output power of solar panels should fit the recommended voltage.
- 2. The max open circuit voltage is not able to exceed in the max input voltage of power station.
- 3. The gross output current of solar panels should be between the recommended working voltage.
- *FYI: When using multiple solar panels in series or parallel, please make sure that the accumulated maximum voltage and current of the solar panels does not exceed in the maximum voltage and current of the power station.

Q: Is it waterproof?

In order to maximize the lifespan of the solar panel, please try not to get it wet or soak the solar panel into water.

Contact Us

If you have any questions, request a replacement or refund for defective product, please email us:info@powerepublic.com. We will get back to you as soon as possible.

For more information, please visit our website or email us:

Website: www.powerepublic.com Email: info@powerepublic.com