



# 100 WATT PORTABLE FOLDABLE SOLAR PANEL

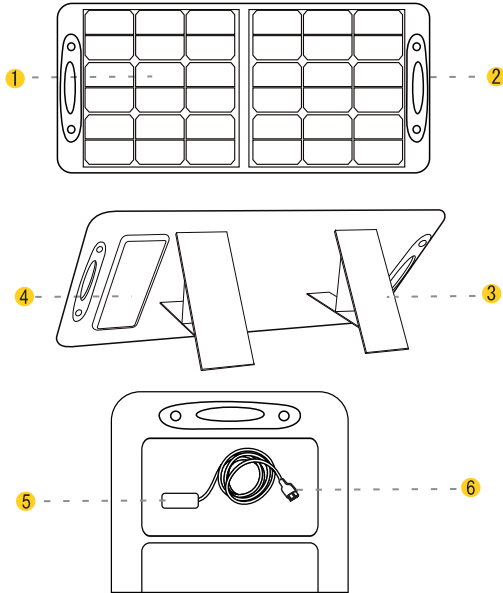
Compatible with most solar portable power stations and inverters.

MXPROSP001

## Operators Manual

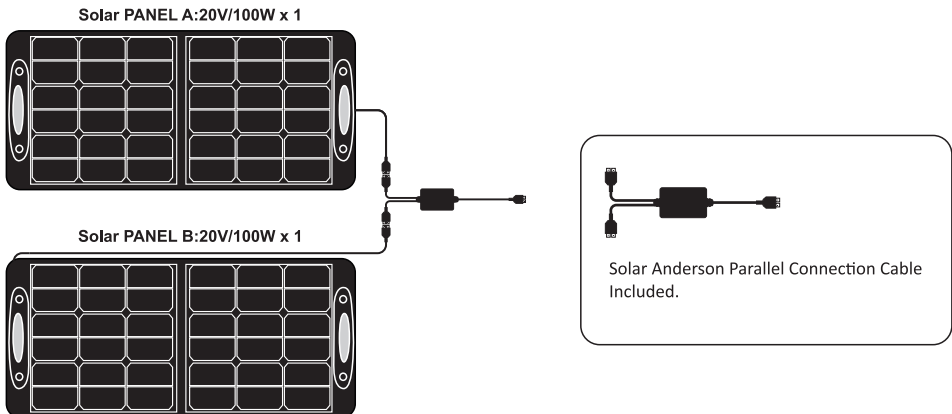


## Product Structure



- ① Solar Cell
- ② Handle
- ③ Portable Stand
- ④ Storage Bag
- ⑤ Voltage Stabilization Box
- ⑥ 3 Meter Cable  
(Connector: Anderson Port)

## Connect Solar Panels in Parallel



Users can connect 2 solar panels in parallel to improve charge time.

## Product Parameters

### Specification

Material of Cloth	Poly 900D Waterproof Treatment on the Surface
Handle Color	Green
Kick Stands	2
Unfolding Size	1228 x 536mm
Folding Size	608 x 536mm
Net weight	About 4KG
Cable	DC Output 3m Cable with Anderson DC7909//DC5521/ DC5525 Plug
USB Output	36Watt Total Output/Dual USB/18Watt Single Output 5V/3.5A, 9V/2A, 12V/1.5A

### Specification for the Solar Panel

Cell Type	SUNPOWER
Cell Size	166 x 166
Rated Power (Mp)	100 Watts
Power Error	±5%
Rated Voltage (Vmp)	20 Volt
Rated Current (Imp)	5 Amps
Open Circuit Voltage (Voc)	25 Volts
Short Circuit Current (Isc)	5.5 Amps
Operating Temperature	-40°C+85°C
Test Standard	Data understand and testing conditions (STC): 1000W/m <sup>2</sup> , 25°C, AM1.5
Manufacturer Warranty	2 Years Against Manufacturer Defects Only

### Temperature coefficient

Nominal Operating Cell Temperature: 46°C±2°C

Current Temperature Coefficient: -0.05%/°C

Voltage Temperature Coefficient: -0.35% /°C

Power Temperature Coefficient: -0.45%/°C

## Product Use

- DO NOT bend the solar panel more than 30 degrees, otherwise the panel may break.
- DO NOT immerse the solar panel in water.
- DO NOT clean the solar panel with water directly. Use a damp cloth to gently wipe it down.
- DO NOT put the solar panel near heat sources such as fire or heater while using or storing.
- DO NOT exposure the solar panel to direct heat or fire.
- DO NOT pierce the solar panel casing with any sharp object.
- DO NOT attempt to disassemble the solar panel in any way whatsoever.
- DO NOT expose the solar panel to strong corrosive substances.
- DO NOT charge an automotive battery directly with the solar panel.

## FAQ

**Question:** What products will Gentech Power solar panels charge?

**Answer:**

- Most solar hybrid portable power stations.
- Most makes of energy storage power supply units.
- Phones, Tablet PCs using the USB-C and USB-A ports on the panel's voltage regulator box.

**Question:** What will cause a slow panel charging rate?

**Answer:**

- The output power of solar panels is affected by several factors. The main factors include climatic conditions, angle of sunlight, and objects blocking sunlight from reaching the panel.

**Warning:** Please avoid allowing external forces to squeeze or compress the solar panel, such as heavy objects. This may damage the solar panel cells.

## Use full Tips

**Question:** How to clean the solar panel surface?

**Answer:**

- Dust and dirt on the surface should first be removed using a soft dry cloth. Then use a damp cloth to wipe the surface of the solar module to remove any remaining dust or dirt. To ensure that the solar panel performs as specified, always keep it clean.

**Question:** Are the foldable solar modules waterproof?

**Answer:**

- Yes, however try and keep the solar panel free from direct rain. Do not submerge in water.

## Warranty Terms

### **Manufacturer Warranty:**

Thank you for purchasing a quality Maxwatt® Power product. This product is covered by a limited warranty for a period of 2 years from date of purchase, from Maxwatt® Power Products Pty Ltd for the original purchaser. The warranty covers the product from defects in workmanship or materials, subject to strict adherence to the correct installation, use, maintenance and application required as detailed in the operating manual. This warranty excludes wear & tear. Any alteration, modification, abuse, non-adherence to prescribed operating instructions invalidates the warranty.

Terms and conditions apply. Refer to the operator's manual.

For all warranty-related claims or queries please contact Maxwatt®.

To register and validate your warranty please go to [www.maxwatt.co.au](http://www.maxwatt.co.au) Failing to register your warranty online will nullify the warranty.

**REPAIR & TECHNICAL INFORMATION CALL MAXWATT® T. (61) 073 732 5363**