

User Manual

PWS220

Product Introduction

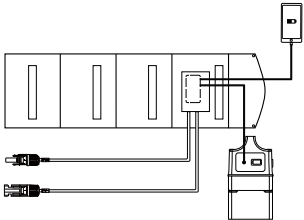
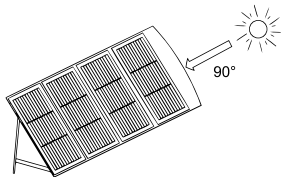
Thank you for choosing **P0WERWIN**. Our photovoltaic power panel is foldable, portable, stable which includes voltage regulator, and adjustable for serial and parallel by PV connector. The working principle is through solar panels that absorb solar energy and convert to electrical energy. Depending on the different interface, supply power for mobile phones or other devices. It is suitable for emergencies, camping, hiking, fishing, etc.

Technical Specification

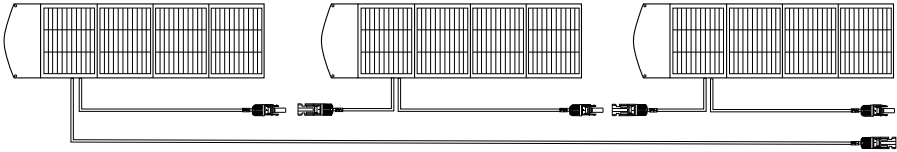
Solar Panel Power	220 Watt ±5%
Maximum Voltage	18.0 V
Maximum Current	12.0 A
Open Circuit Voltage	21.5 V
Short Circuit Current	14.1 A
Output	PV Connector
	DC 5525 300W MAX
	XT 60 300W MAX
	USB-A 5V / 2.4A
	USB-A QC 3.0 5V / 12A; 9V / 6.6A; 12V / 5A, 60W MAX
	USB-C PD 20W MAX
Unfold Size	2162*566*8mm
Folded Size	502*566*55mm
Product Net Weight	7.32 kg ±5% / 16.14 lbs ±5%
Working Temperature	-10~ 65 °C / 14~ 149 °F
Warranty	12 Months

* All electrical performance parameters are carried out under standard test conditions
(STC: Irradiance=1000 W/m² Cell Temperature=25 °C AM=1.5)

Using Your Product



1. Expand the panel and the four brackets on the back, place the solar charging board under the sunlight vertically (90°) as close as you can.
2. Open the storage bag behind the panel and charge power station , mobile phone, tablet or other devices as needed.



3. You can also serial or parallel your solar panels to increase the power. Speed up and save your charging time.

Caution

1. For generating power outdoors only. The efficiency of a solar panel is variable depending on environmental conditions. Cloudy weather and indirect sunlight may cause fluctuations in the current. This in turn may hinder or stop charging. Place the solar charger in direct sunlight or wait for the weather to be clear.
2. Avoid any shelter (such as buildings, plants, etc) while use, otherwise the charging speed will be negatively affected.
3. After the device is successfully connected, it is recommended to move your electronic device into a cool and ventilated place. If the electronic device is in a high temperature environment for a long time, power consumption will increase and may occur power failure.
4. The product uses high efficiency mono-crystalline silicon. Please do not bend, tread, handle gently during use.
5. Our company provides warranty. We are not responsible for any damage caused by disassembling or assembling the product without our authorization.

Package Content

- 1× 220 Watt Foldable Solar Panel
- 1× Build-in PV Connector Extension Cable (200cm / 78.74 in)
- 1× Build-in Voltage Redulator (DC + USB Port Adapter)
- 1× DC 5.5*2.1 Female Adapter Set
 - 1 × 7.9*0.9 mm
 - 1 × 6.6*3.0 mm
 - 1 × 5.5*2.5 mm
 - 1 × 3.5*1.5 mm
- 1 × L01DC001-NB-R Adaptor
- 1× User Manual

Warranty

Our company provides customers with warranty of 12 months from the date of purchase.

Customer Service:

Service@iittechnology.com

