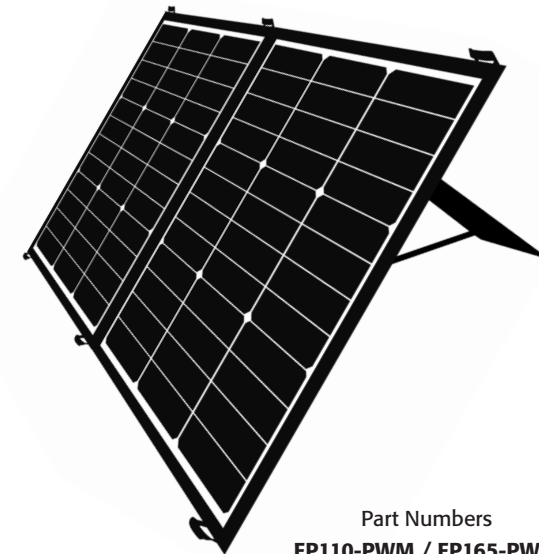




User Manual

# Portable Fold-Up Solar Panel



Part Numbers  
FP110-PWM / FP165-PWM



FP110-PWM



SCAN ME

FP165-PWM



SCAN ME



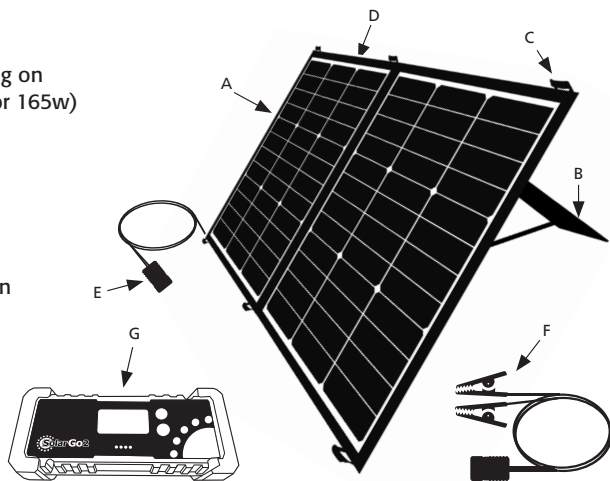
01684 607002 • [Support@solargo2.com](mailto:Support@solargo2.com)  
[www.solargo2.com](http://www.solargo2.com)

Important: Please read before first use.

Hello and thank you very much for purchasing a SolarGo2 portable foldup solar panel. If cared for this panel will provide years of service and plenty of power to charge your 12v leisure batteries. Please have a quick read through this manual to make sure you get the very best from this product. If you have any questions not covered in this manual, please check out our website [www.SolarGo2.com](http://www.SolarGo2.com) or give us a call **01684 607002**.

#### INCLUDED PARTS

- A. 2 or 3 panels depending on model selected (110x or 165w)
- B. Straps supporting legs
- C. Peg / strap loops
- D. Accessories bag (behind panel)
- E. 5m cable with Anderson connections
- F. Crocodile clip cable
- G. Charge controller (if selected at time of purchase)

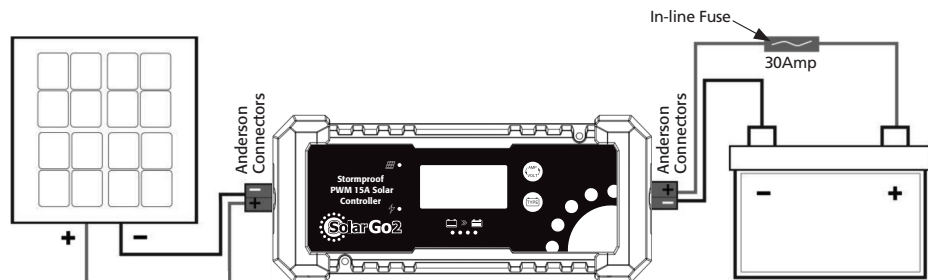


#### SETTING UP THE PANEL

When setting this panel up, please find a position that's as south facing as possible to get the most solar input (not sure what way is south, then look for the compass app on most smartphones). If placing on the ground the 'legs' on the rear of the panels will then fold out to hold the solar panel at a convenient angle and the loops can be used if required to peg the panel down. Or if required you can also use the loops to strap the panel down.

#### CONNECTING IT ALL TOGETHER

Remove the charge controller and cables from the pouch at the rear of the panel and connect the panel to the solar side of the controller with the supplied connections. Then on the battery side of the controller clip the connector in and connect the cable to the leisure battery red to positive (+) and black to negative (-). Once complete this will start up the controller and then if required you can select the batteries chemistry on the controller. Please see the included controller instructions for more information on this.



#### SPECIFICATIONS

Panel size mm	Number of panels	Weight Kg	Max Power (W)	Voltage Open Circuit (VOC)	Max power voltage (VMP)	Short circuit current (ISC)	Max Power current (IMP)
565x550x3	2	3.5	110	22.36	19.8	5.97	5.64
565x550x3	3	5.5	165	22.36	19.8	8.95	8.46

#### MAINTENANCE

To care for your product, we recommend cleaning with a damp microfibre cloth that should be able to remove any dirt and dust from the solar panels. A soft sponge with fabric cleaning solution can be used on the fabric parts of the unit. Please do not store this unit if it's wet. Always make sure the unit is fully dry before storage.

#### FAQ

##### Can I bypass / not use the controller?

We do not recommend connecting the panel directly to a battery as there will be no control of the power coming from the panel and it could cause damage and even an explosion.

##### I have connected the panel and controller to my battery, but I don't have any display on my controller.

It sounds like you have a bad connection or the fuse near the battery has blown. Please check both.

##### How can I tell if it's all working?

Please read the instructions for the controller as this will show you how to check the power coming from the panel and getting to your battery.

##### Can the panel and controller stay out if it's raining?

Yes, both the solar panel and the controller are designed to cope with rain but not to be submerged in water.

##### Can I get an extension cable so I can place the panel further away from my battery?

Yes, please give us a call and we can make one up to suit.

Finally...

...we are always looking for photographs of our products in use. If you have a great photograph of this product in use, please send a copy to [info@SolarGo2.com](mailto:info@SolarGo2.com) and if selected for use in our social media or advertising we will send you a **FREE** solar security light WL007.

