



## 12w Semi Flexi Portable Solar Panel SPFC12



### Welcome to our 12W Semi Flexi Portable Solar Panel.

Welcome to our smallest portable solar panel the 12w. It's based on our larger 110W semi flexible solar panel.

This panel, like the rest of our SolarGo2 panels, is built to last with a strong ETFE front and back face with an integral fibre board keeping everything together, A-Grade solar cells, built in cable with charge controller and 3 cabling options to connect to your car / motorbike / motorhome / boat / electric fence, make this a complete solar battery charging system.

You have, included with this product, a pack of 4 window mounts and 3 different cable ends, separately fused giving you more protection. These are:

1. Crocodile clips
2. Ring terminals
3. Car accessory socket

The panel is designed to last in an outside environment for years to come whether it is on your windscreen or the top of your motorhome roof. The only bits you need to keep out of the weather are the controller and final battery connections.

Our industry leading warranties are standard on all our portable Flexi solar panels giving you real peace of mind with your SolarGo2 solar panel.

This 12W panel is designed to be outside and work in all weather conditions, providing you with variable amounts of power throughout the year depending on the weather conditions and the time of year but, as an example, we would say it will give you an average of around 3.66Ah (72Wh) per day in the summer in the UK and 0.48Ah (9.6Wh) per day in the winter.



## Technical Specification

### Electrical Characteristics

Type	Monocrystalline (A grade 158.75mm High efficiency)
Peak power (pmax)	12Wp
Power tolerance range(%)	±3%
Open Circuit voltage (VOC)	23.1v DC
Max. power voltage (VMP)	19.8v DC
Shot circuit current (ISC)	0.64A
Max power current (IMP)	0.61A
Max system voltage	200v DC

### Panel info

Part number	SPFC12
Power	12Wp
Cable type	twin red/black (UV stable) 22AWG
Cable length	2.3m (panel) 0.6m (connection option)
Face Material	ETFE
Dimensions	223 x 370 x 3mm

### Performance UK weather (weather dependant)

Average expected winter	0.48Ah (9.6Wh) per day (ie x 0.8)
Average expected summer	3.66Ah (72Wh) per day (ie x 6h)

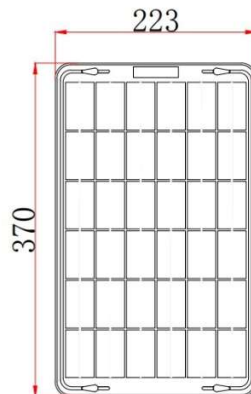
### Warranty

Product construction	1 Year
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Above Specification at standard test conditions (STC): 1000W/m<sup>2</sup>, Cell temperature 25°C, AM 1.5

## Drawing



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