



110w Semi Flexi Solar Panel SPF110



Welcome to our 110W semi flexible solar panel.

Welcome to our 110W semi-flexible solar panel. This panel, like the rest of our SolarGo2 panels, is built to last with a strong ETFE face and a fibre back board, A-Grade solar cells and 5 metres of high-end 2.5mm² UV stable DC cable making sure you get the best transmission of power from your panel to your controller.

Designed to last in an outside environment for years to come whether it is on top of a motorhome roof, a caravan or even a boat out at sea. This panel can be installed both as a top cable exit system or a bottom exit system due to a simple but very effective hole through the panel allowing you to thread the cable into the roof. (We would recommend using this method on "pop top" type roof systems with the hole over the outer gutter edge of the roof.)

The flexibility of this panel means you can "bend" the panel along its long length by upto 20 degrees.

This 110W 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.

As an example, we would say it will give you an average of around 30Ah (660Wh) per day in the summer in the UK and 4Ah (88Wh) per day in the winter. This panel will require a charge controller if being connected to a 12v battery.

Technical Specification

Electrical Characteristics

Type	Monocrystalline (A grade 158.75mm High efficiency)
Peak power (pmax)	110Wp
Power tolerance range(%)	±3%
Open Circuit voltage (VOC)	26.4v DC
Max. power voltage (VMP)	22v DC
Shot circuit current (ISC)	5.4A
Max power current (IMP)	5.00A
Max system voltage	200v DC

Panel info

Part number	SPF110
Power	110Wp
Cable type	2.5mm twin core red/black (UV stable)
Cable length	5M
Frame material	N/A
Face Material	ETFE
Dimensions	119 x 510 x 4mm

Performance UK weather (weather dependant)

Average expected winter	4Ah (80Wh) per day (ie x 0.8)
Average expected summer	30.3Ah (600Wh) per day (ie x 6h)

Warranty

Product construction	1 Year
Product Surface	5 Years



Above Specification at standard test conditions (STC): 1000W/m², Cell temperature 25°C, AM 1.5

Drawing

