

Flexible Solar Panel Kits

RENEWABLE MAINS-FREE POWER





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2 yr
Module warranty

The Flexi PV range is a high quality crystalline solar module system designed to perform in the world's most extreme environments, from the roughest oceans to the highest mountains.

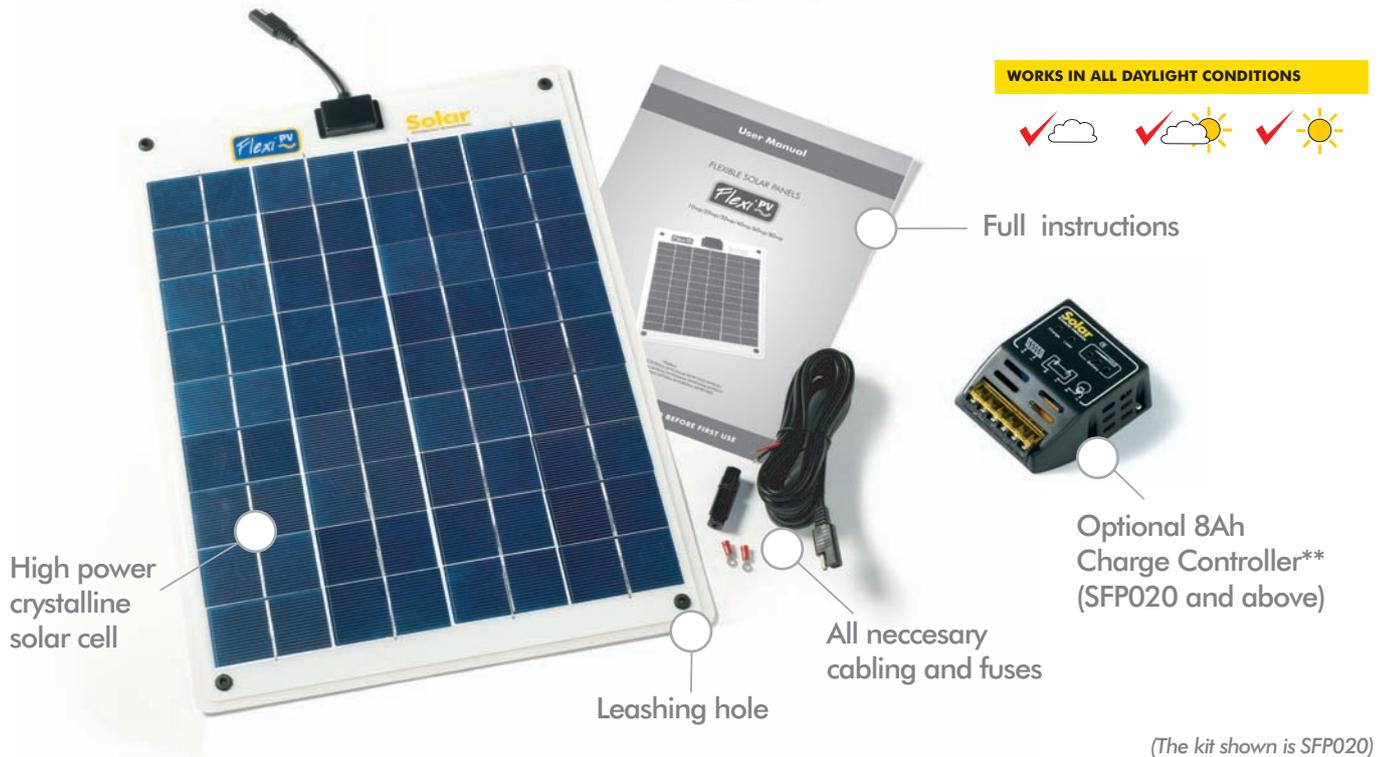
Made from a super thin multi layer laminate front and fibreglass back, Flexi PV panels can be flush fitted to most curved surfaces.

Being lightweight (from only 400g) and super rugged, Flexi PV is the number one choice for

adventurers and expeditions relying on a secure and dependable power source.

The quick and secure cable system allows multiple Flexi PV panels to be joined so that effective "daisy chaining" can be achieved to increase power according to demand.

All Flexi PV Solar Panels are supplied with a comprehensive 2 year warranty and full manufacturer technical support, even after the warranty period has expired.

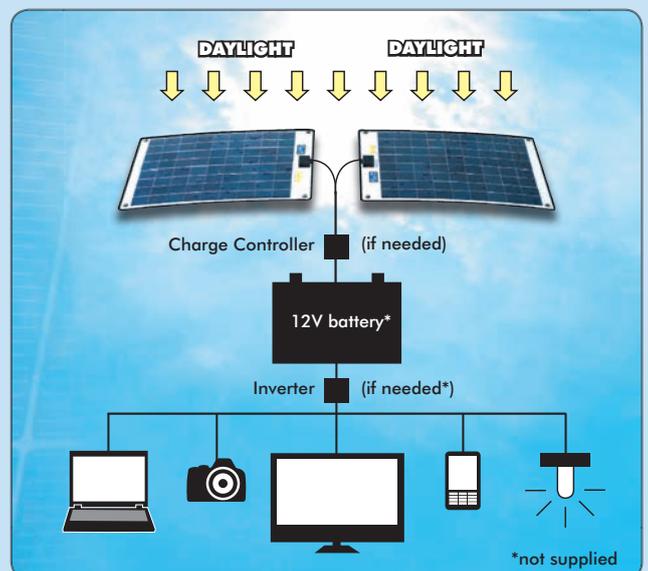


How it works

Put simply, the solar panel charges a 12V battery* (protected from being overcharged by a Charge Controller**) during daylight hours. The power in the battery is available for use at any time to power appliances – directly if powering 12V appliances or through an inverter†† if powering 240V appliances. The system will work even in overcast weather conditions, both in summer and winter.

Flexi PV Multi Panel System

There are two panel sizes in the Flexi PV range: 10wp and 20wp panels. By joining two or more together using the Flexi PV 'spider' cables, a mini solar array can be created providing 30wp, 40wp, 60wp or 80wp. Single or multi panel systems can be easily expanded at any stage.



*Battery not supplied

**Charge Controller available separately, or as standard with an 'MA' part numbered kit, or any Roof/Decktop Kit

† No Charge controller required so long as battery is bigger than 70Ah for the 10W panel

†† Inverter available separately

The Flexi PV range of roof/decktop kits provide everything needed to semi-permanently fit this solar system to the roof of a camper van, caravan or deck of a yacht or narrow boat.

Designed to be quick and simple to attach, these smart roof/decktop kits will give trouble-free power even in the wildest of conditions.



(The kit shown is SFPRT080)

The Flexi PV Range

Kits are available with three levels of equipment:

- 1 As a Basic Kit, which includes the panel(s), all necessary cabling, and a fuse
- 2 As the Basic Kit, but including a Charge Controller (apart from SFP010)
- 3 As a Roof/Decktop Kit, which is the Basic Kit plus Charge Controller, plus a full fixing kit as above

Power	Part Number			Size	Weight	Amps/Hr	Amps/Day	Typical usage	Charge Controller required**
	Basic Kit	inc. Charge Controller	Roof/decktop Kit						
10W	SFP010	N/A	SFPRT010	357 x 268 x 2mm	0.4kg	0.63	Up to 4.41	Boats/motorhomes/caravans: lighting, battery maintenance, waterpump; Camping/expedition: limited mobile/TV; Domestic/Field: power tool charging, electric fence power	No†
20W	SFP020	SFP020MA	SFPRT020	495 x 351 x 2mm	0.7kgs	1.27	Up to 8.89	Boats/motorhomes/caravans: lighting, waterpump, TV; Camping/expedition: mobile/laptop/TV; Domestic: TV, electric gate motor	Yes - 4 Ah
30W	SFP030	SFP030MA	SFPRT030	357 x 268 x 2mm & 495 x 351 x 2mm	1.1kg	1.9	Up to 13.30	Boats/motorhomes/caravans: Ideal for use where power consumption is mainly limited to running the interior lights and water pump and/or use is during the summer months. Camping/expedition: Limited laptop/mobile/TV etc	Yes - 8 Ah
40W	SFP040	SFP040MA	SFPRT040	495 x 351 x 2mm - 2 pieces	1.4kgs	2.54	Up to 17.78	Boats/motorhomes/caravans: As per the 30W kit but for extended use during Spring, Summer and Autumn. Camping/expedition: Laptop/TV/mobiles etc	Yes - 8 Ah
60W	SFP060	SFP060MA	SFPRT060	495 x 351 x 2mm - 3 pieces	2.1kg	3.81	Up to 26.67	Boats/motorhomes/caravans: Spring-Autumn power for long term trip - lighting, multiple laptop, waterpump, TV etc Camping/expedition: Multiple laptop/TV/mobiles etc; suitable for Spring-Autumn base camp power	Yes - 8 Ah
80W	SFP080	SFP080MA	SFPRT080	495 x 351 x 2mm - 4 pieces	2.8kgs	5.08	Up to 35.56	Boats/motorhomes/caravans: As 60W but suitable for year-round use Camping/expedition: As 60W but suitable for year-round use	Yes - 8 Ah

A wide range of accessories are available for Flexible Solar Panel products:

<p>2 to 1 Cable</p> 	<p>3 to 1 Cable</p> 	<p>4 to 1 Cable</p> 	<p>4m Extension Cable</p> 
<p>Charge Controller</p> <p>4Ah – 30Ah</p> 	<p>Cable Feed Gland</p> 	<p>Bonding Agent</p> 	<p>Digital Test Meter</p> 
<p>Inverter</p> <p>150W - 1000W</p> 	<p>Wall Mount Battery Box</p> 	<p>Sealed Deep Cycle Batteries</p> <p>7Ah to 104Ah batteries available</p> 	<p>All Weather Battery Box</p> 
<p>Digital Time 12V</p> 			<p>PIR Movement Sensor</p> <p>12V</p> 