



This 10 Watt semi flexible solar panel is well suited for use where a super robust, low profile and light-weight panel is needed, or the substrate to which the panel will be fixed has a slight curve. Ideal for all types of applications.



The Flexi panel offers a wide range of advantages

Self-healing top surface

The ETFE top layer gives the PV Logic Flexi extra resilience in really tough conditions. ETFE has a memory effect or self-healing capacity in the event the panel comes into contact with branches etc, thus ensuring any slight abrasions are 'healed' within a few hours. The Flexi range is built to withstand day to day activity such as being walked on. During production the ETFE is dimpled to further protect the panel and provide an anti-slip surface, particularly useful if the panel is fitted to a boat deck.



Completely waterproof

Each panel is assembled to ensure complete encapsulation. This ensures the 6 layer heavy duty laminate protects the solar cell circuit from extreme conditions. The junction box is also injected with special silicon, guaranteeing no water ingress.

Cells protected from hot spots

Where used on a camper van or boat, partial shading of a solar panel is typical. In these circumstances, heat build-up and damaging hot spots can occur leading to a significantly reduced life cycle of the panel. The larger 60w and 80w PV Logic Flexi panels have up to two shading diodes housed within the fully waterproof junction box to prevent this occurrence.

Superior design

There are no square edges on a PV Logic Flexi! Rounded panel corners and a unique curved junction box provide superior adhesion, no snag lamination and no sharp edges. The junction box is mechanically fixed in addition to being bonded to the panel. Strain relief is provided for the fitted 4m UV stabilised PV cable ensuring it cannot be accidentally pulled from the junction box.

Easy fix

The Flexi range can be bonded to flat or slight curved surfaces (3cm curve per metre) such as painted aluminium, metal, GRP and fibreglass using Simson ISR 70-03. The aluminium layer is also pre-drilled with 4.5mm holes should the panel need to be mechanically fixed as well as or instead of bonding.

Warranty

The Flexi range is setting new standards with a 5 year product and a 20 year performance warranty* .

Part Number	07-1010
Power (Wp)	10Watts
Nominal Voltage (Vmp)	18V DC
Nominal Current (Imp)	0.56A
Open Circuit Voltage (Voc)	21.6A
Short Circuit Current (Isc)	0.61A
Operating Temperature	-40 to + 80 Deg C
Max System Voltage	750V DC
Dimensions	390x250x3mm
Weight	0.56kg
Approx. Watt-Hours/Day**	60W
Approx. Amp-Hours/Day**	3.36A

*** Based on 6 hours of average daily peak sunlight hours*

Cell performance warranty states that at 20 years the output will be no less than 80% of new performance values—ie the cell degradation rate will be no greater than 20% in 20 years.