

The PSP206 has been made with the latest triple junction amorphous technology which has got multiple benefits:

- Cells are much thinner and lighter than c-Si cells
- Cells produce energy right from UV and not from the "so-called" visible light
- Panel produces energy in all light conditions, even in cloudy or overcast conditions
- Very good resistance to high temperatures (as temperature increases, the performance of a solar panel decreases)

A+ life triple junction amorphous solar panels produce much more energy than c-Si panels or single junction amorphous panel.

The PSP206 is an 18W solar panel. Because of the more powerful triple junction technology, its size is small and weight is light. It has been specifically designed to maintain and charge 12V batteries. It can also be used to power some 230V equipment if you use an inverter.

Typical applications are, for instance:

- Automobiles to charge the batteries of motorised vehicles, such as cars, 4x4s, tractors, campervans, trucks, boats, etc.
- Automatisation, such as electric gates, water pumps, etc
- Electrification of lighting, public or private
- Electric power systems, such as fences, enclosures, etc
- Over-wintering of batteries



Product specification

Number of panels	1
Cell type	a-Si triple junction
Length	798 mm (solar panel : 776 mm)
Width	323 mm (solar panel : 310 mm)
Thickness	15 mm (solar panel : 3,2 mm)
Weight	2,3 kg
Output cable length	4 m

Electrical characteristics at STC

(1000 W/m², 25°C, AM 1,5)

P _{max}	18 W
V _{mp}	15 V
I _{mp}	1200 mA
V _{oc}	19,8 V
I _{sc}	1500 mA

Accessories



1 pair of battery clamps cable



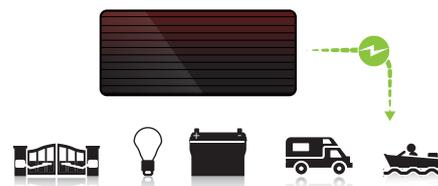
1 male cigarette lighter adapter



2 supports



4 screws and plugs



Benefits

- aSi Triple Junction Technology
- Easy: Small size
- Small and light
- Weatherproof
- Easy to install
- Supplied with accessories
- LED control
- Built in DC cable for perfect weatherproofness

Recommended accessories

- Solar charge controller CT001
- Battery
- Inverter

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