

Monocrystalline 12v 10w Battery Charging Solar Panel



CE

The CIG-SOL is a rigorously tested high quality 12 volt 10 watt monocrystalline silicon amorphous solar panel. The panel is supplied with two metres of cable and a blocking diode to prevent reverse charging and battery discharge.

Specifications

- High performance under cloudy and overcast conditions
- High cell efficiency
- Tested to withstand snow loads of 200kg / sqm
- Impact resistant highly transparent low iron tempered glass with enhanced stiffness
- Advanced encapsulation material with multilayer sheet lamination to provide efficient protection from harsh weather conditions

Weatherproof Rating

This unit is rated IP65 and is suitable for outdoor installation

Electrical data

Peak power watts - P Max (WP)	10
Peak Output Tolerance - P Max (%)	+/- 3%
Maximum Power Voltage - V Max (V)	17.5
Maximum Power Current – I MPP (A)	0.57
Open Circuit Voltage – V oc (V)	21.9
Short Circuit Current – I sc (A)	0.63

Values at standard test conditions (Air mass AM1.5, Irradiance 1000 W/m², Cell temperature 25 °C)

Mechanical Data

Solar Cells	Monocrystalline
Cell orientation	36 cells
Module dimension	280 x 335 x 25mm
Weight	1.3kg
Glass	High transparency 3.2mm solar
Frame	Anodised aluminium alloy
J-Box	IP65 rated
Cables & Connectors	2 metres of 2mm Photovoltaic technology cable