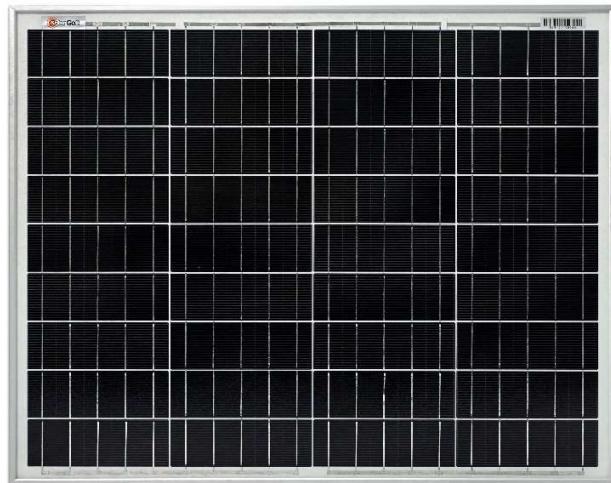




## 65w Solar Panel SP65



### Welcome to our 65W solar panel.

This panel, like the rest of our SolarGo2 rigid panels, is built to last with a strong full frame aluminium structure, A-Grade solar cells, a tough low iron, high light transmission glass front and 5 metres of high-end 2.5mm<sup>2</sup> 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's on top of stables, a caravan, a motorhome or even a boat out at sea. We also give you a 20-year cell warranty\* and a 10-year product warranty\*\* as standard on our rigid solar panel range giving you real peace of mind with your SolarGo2 solar panel.

The 65W panel is ideal for small off grid projects from providing power for a stable lighting project, charging a battery up in a caravan or boat to running lights on building signage and keeping telemetrics systems working along the roadside.

The SolarGo2 65W 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 19.9Ah (390Wh) per day in the summer in the UK and 2.66Ah (52Wh) per day in the winter. This panel will require a charge controller if being connected to a 12v battery.

\*The 20-year cell warranty is based on the cells producing over 80% of the original power in year 20.

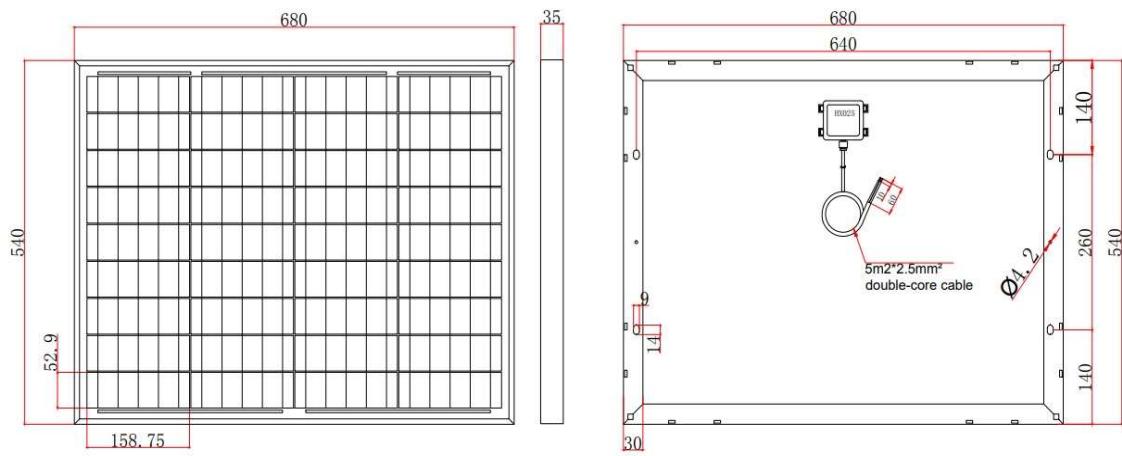
\*\*The 10-year product warranty is for any manufacturing defects. Any accidental damage etc is not covered.



## Technical Specification

Electrical Characteristics		Performance UK weather (weather dependant)	
Type	Monocrystalline (A grade 158.75mm High efficiency)	Average expected winter	2.66Ah (52Wh) per day (ie x 0.8)
Peak power (pmax)	65Wp	Average expected summer	19.9Ah (390Wh) per day (ie x 6h)
Power tolerance range(%)	±3%	<b>Warranty</b>	
Open Circuit voltage (VOC)	23.76v DC	Performance of cells	20 years (at 80% of day 1 performance)
Max. power voltage (VMP)	19.8v DC	Product construction	10 Year
Short circuit current (ISC)	3.60A		
Max power current (IMP)	3.33A		
Max system voltage	1000v DC		
Panel info			
Part number	SP65		
Power	65Wp		
Cable type	2.5mm twin core red/black (UV stable)		
Cable length	5M		
Frame material	Aluminium		
Face Material	High light transmission, low iron glass 3.2mm		
Dimensions	680 x 540 x 35mm		
Above Specification at standard test conditions (STC): 1000W/m <sup>2</sup> , Cell temperature 25°C, AM 1.5			

## Drawing



Unit A5,  
Northway trading estate  
Northway lane,  
Tewkesbury,  
Gloucestershire,  
GL20 8JH  
Tel +44 (0) 1684 607002  
www.solargo2.com