

SunMount™



THE SOLAR PANEL MOUNTING SYSTEM FOR FLAT ROOFS

For all types of flat roof

The SunMount product is a simple and flexible solution designed especially for commercial and public buildings

SunMount Benefits

There are many different Building Integrated Photovoltaic (BIPV) products for mounting solar panels on flat roofs, however the majority of these products require roof penetrations or ballast requiring structural changes.

The Solion SunMount product is a unique solar mounting system designed specially for flat roof buildings.

The SunMount is a patented product, created to solve many problems associated with PV installation on flat roofs.

Stable in high winds - the only product in the UK certified to withstand a wind speed of more than 100 mph

No roof penetration – eliminates possible leakage to building interior

Light weight solar mounting system (11.25 Kg/m²) - eliminates the need for ballast

Aesthetics - flush modules in the mount give an integrated appearance

Easy to install – eliminates time spent on building work and disruption

Interlocking – ensures the complete solar array is one assembled 'block'

Edge covering and interlocking ensures safety in high winds
Easy to disassemble so repairs and roof maintenance can be carried out

Mounting structure is made from recycled materials

Durable for 20 years.

UV stable.

Protects the roof from UV and thermal cycling.

Increase R-Value.

10° sloped angle for higher power output and cleaner array.

Pressure equalisation vents at the top of the SunMount ensure module stability at high wind, air circulation and module cooling



Views of SunMount

SunMount Specification

Weight	with module 22 Kg (11.25kg/m ²)
Dimensions	1.7m x 1.1m
Modularity	Overlapping interlock
Wind	Uplift Resistance Stable up to 100 mph
Material	Recycled acrylic capped ABS

Government Grant

The UK government on 26th March 2002 launched the PV Major Demonstration Programme. According to this program installation of PV system qualifies for grant depending upon the status of the applicant:

Grants of up to 60% of eligible costs to public bodies.

Grants of up to 50% of eligible costs for householder and small to medium sized enterprises (SMEs).

Grants of up to 40% of eligible costs for large-scale commercial organisations.

Details are available from www.solarpvgrants.co.uk or call 0800 298 3978

What service does Solion provide?

Solion provides a complete service for clients installing solar power to provide electricity. Our engineers will assess your site and provide you with a quotation. If you decide to proceed, we are able to take care of the entire process from the design of the system, submitting the application for a government grant; to supplying all the necessary equipment and the grid connected installation.

Warranties

All solar panels will be supplied with 20 years warranty (confirmed to you with your quotation). All other parts of the system and installation work carried out by Solion will be covered by 2 years warranty.

About Solion

Solion is a young, rapidly growing design and innovation led company specialising in developing and installing innovative solar mounting systems for buildings.

Solion is accredited to install Photovoltaic systems for the DTI PV demonstration program. Solion provides innovative value added products for "on" and "off" grid solar applications.

Solion Ltd was formed in February 2002, it is partly owned by the London South Bank University. Unlike other solar companies, Solion has the advantage of using the wide range of equipment, facilities and research expertise in the university. As a consequence, the company has the skill set and contacts to generate and access generic technology solutions to new solar product demands.

The company is capable of working from problem to prototype and evaluation followed by full product specification and supply in short order.

Solion is proud to be working with:



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