

Solar Integrated's Follow The Sun™ - the single axis tracking systems for roofs that can do more

As a global solar solutions provider, Solar Integrated combines various technologies to develop the best PV system for every customer's specific needs. In addition to membrane, modified bitumen and metal roofs that have only low load bearing capacities, many of our customers also have buildings with roofs that have the static possibility to carry heavier additional loads or land areas, on which they do not want to install the common large tracking systems for technical or aesthetical reasons. For these application fields Solar Integrated has developed a particular powerful system:

Follow The Sun™ – a modular, single-axis tracking system.

Follow The Sun™ is particularly characterized by its low construction height and its low specific weight, which allows its application on roofs as well as in solar parks. The low construction height ensures low additional wind-loads. This provides stability of the system independent of its orientation. The result is that even when strong winds occur the modules do not need to be brought back into a flat position, allowing to maintain the yield advantage of the tracking system. The static proof can be calculated separately for every tilt angle.

Due to its simple and rugged design and the use of standard components the Follow The Sun™ tracking system is very reliable in its operation and easy to maintain. Thereby, shut-down times and related yield losses are reduced to a minimum.



To minimize the efforts at our customers' Solar Integrated offers a maintenance and servicing contract for the Follow The Sun™ tracking system.

The modular layout of the Follow The Sun™ tracking systems in combination with an astronomical control drive allows to achieve an optimal balance between area usage and yield. In comparison to fixed systems an energy surplus of up to 23% can be achieved. The precise yield and floor space requirements of the Follow The Sun™ tracking system was proven by a yield report of a renown, independent institute.

The modular construction design of the Follow The Sun™ tracking system ensures that it can be extended as needed without any system restrictions. Due to the preassembled units it can be easily and quickly installed – as with Solar Integrated's SolarRoof for building integrated photovoltaics.

Follow The Sun™ - because sometimes it is better to keep track.

General data:

Energy surplus

(compared to a fixed installation): approx. 18 to 23 %

Specific weight : approx. 7,5 Kg/m²

Floor space requirements: approx. 22 m²/kWp

Control drive: astronomical / SPS

System requirements:

Optimal location

(specific annual yield : 1.000 kWh/kWp

Minimum floor space 2.200 m²)



About Solar Integrated

Solar Integrated is a renown pioneer and leader in the commercial/industrial solar industry. Expanding beyond our core building integrated photovoltaic (BIPV) capabilities, we also provide solutions across a wide variety of ground and roof-mounted applications using both BIPV and related solar technologies for utmost reliability, productivity, financial performance and environmental benefits.

Our blue chip customer base includes Carrefour, Coca-Cola Enterprises, Frito-Lay, Honeywell, IKEA, Lidl, Metro, ProLogis, San Diego Unified School District, Tesco, Toyota, Unibail-Rodamco, UPC Solar, U.S. Air Force, U.S. General Services Administration (GSA), U.S. Navy and Westfield and many more.

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