



## SIGMA II BIFACIAL

### Significant savings

Sigma II Bifacial combines the installation advantages of our well-known mounting system Sigma II with the cost advantages of steel components. The galvanized mounting system stands out due to its simple, functional design. Cap profile posts contribute to a higher load-bearing capacity and stability while reducing material requirements.

### Bifacial gain

Sigma II Bifacial is designed to avoid shading of back-side of module to maximize the bifacial gain.

### Maximum service life

A fundamental feature of the Sigma II Bifacial is its long service life. The special coating provides effective and long-term protection. Therefore a significantly higher corrosion resistance is guaranteed, providing a substantially increased life span for the system.

### Excellent flexibility

As a dual post mounting system, the Sigma II Bifacial is perfectly suited for flexible module configurations. Depending on the project requirements, it can be installed using various foundations such as, driven piles, earth screws or foot plates for concrete.

### Environmentally friendly

The system is developed and produced under certified sustainability standards. In addition, the components are recyclable and can be easily disassembled.



Open Terrain



Framed Module



Unframed Module



Orientation  
Portrait



10  
Years  
Warranty

Application	Ground mount
Module types	Framed, unframed, bifacial
Module layout	Multiple configurations, table length more than 40 m, depending on local temperature range
Module orientation	Portrait/vertical
Module inclination	According to project requirements
Ground clearance	Various
Ground slope	Up to 10° East/West
Post spacing	According to static calculation
Standards	Eurocode 1 – Actions on structures Eurocode 3 – Measurement and construction for steel construction
Supporting profiles	Steel (S 355 / S350 GD)
Ramming posts	Cap profile posts
Small parts	Geomet-coated steel, hot-dip galvanized steel, Stainless steel (project specific V2A/V4A) Extruded aluminium (EN AW 6063 T66)
Bonding	Low-impedance resistance connections between the components
Warranty	10 years <sup>1</sup>

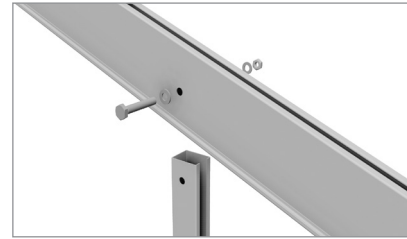
**CONFIGURATION      MODULES      FOUNDATION      MODULE FASTENING**

Sigma II  
2-4 portrait

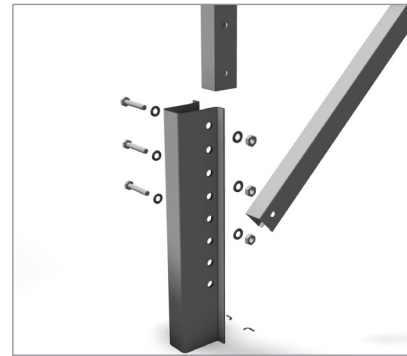
Framed & unframed  
bifacial  
modules

Suitable for all  
types

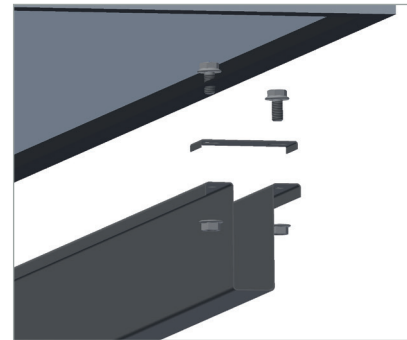
Screws,  
rivets



Connection detail leg - rafter



Connection detail post



Connection detail module rail

<sup>1</sup> For terms and conditions please refer to the Mounting Systems GmbH warranty.