



Sigma II

Extensive flexibility

The Sigma II was designed as a ground mount system for the use of unframed and framed modules. Depending on project requirements different fixations to the ground are possible like ramming posts, screw foundations or foot plates¹.

Outstanding adjustability

Due to material optimization and static requirements, there are different versions for the portrait and the landscape installation. In both cases, the Pi-rail technology is applied. In landscape orientation the installation of the modules is with a click-system possible. This system allows a module installation without screws. Installing the modules in portrait orientation the proven Quickstone-technologie is used.

Significant savings

Sigma II stands out due to its simple, functional design and the minimal number of tools needed for installation. Especially in big projects, this generates considerable savings in installation costs.

Maximum service life

The long service life is an essential characteristic of the Sigma II. The all-aluminium and stainless steel support design guarantees corrosion resistance and maximum durability.

Well-thought-out ecologically

Due to the ground clearance of the modules and the lack of concrete foundations, Sigma II avoids both the sealing and the desolation of the ground. In addition, the system is completely recyclable and enables easy renaturalisation of the terrain.



Open terrain



Unframed module



Framed module



Orientation
portrait



Orientation
landscape



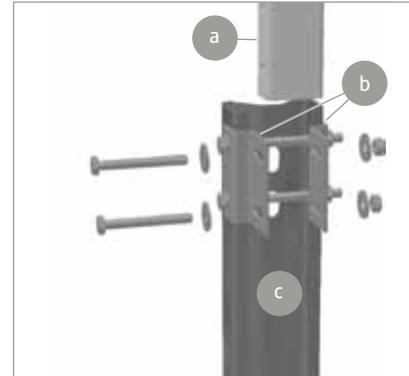
Portrait installation



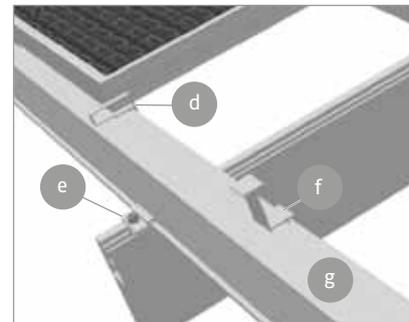
¹ Other on demand.

Application	Open terrain – ground mount
PV modules	Framed, unframed (portrait orientation)
Module layout	Multi-row, up to approx. 20 m per frame unit
Module orientation	Portrait, landscape
Module inclination	15°, 20°, 25° and 30° ¹
Ground clearance	80 cm ¹
Sigma post spacing	North-south alignment: 4 modules landscape – 2.20 m 2 modules portrait – 1.80 m East-west alignment: Dependent on laminate or module type and site conditions
Standards	Eurocode 1 – Actions on structures Eurocode 9 – Design of aluminium structures
Supporting profiles	Extruded aluminium (EN AW 6063 T66) Sigma post: Galvanised steel
Small parts	Stainless steel (V2A)
Colour	Aluminium: plate finish
Warranty	10 years ²

Configuration	Module	Foundation	Clamping
Sigma II 2 portrait	Framed and unframed modules	Suitable for all types	Quickstone-system 
Sigma II 3 landscape			Quickstone-system 
			Click-system 
Sigma II 4 landscape			Quickstone-system 
			Click-system 



Sigma II Clamping plate



Sigma II Module clip

- a Leg
- b Clamping plate
- c Ramming post
- d Spacer
- e Module support clamp
- f Module clip
- g Pi-rail for landscape orientation

¹ Other on demand.
² Please find the exact terms in the Mounting Systems GmbH warranty document.