



Sigma I XL

Small footprint – big yield

The Sigma I XL cleverly combines the advantages of a single-pole system with the benefits known from the Sigma II. Due to the reduced number of poles the system has a much smaller footprint in contrast to its larger brother the Sigma II.

Outstanding adjustability

Due to optimization of material and improved static properties, the system is now available for portrait and landscape installation. In both cases, the Pi-rail technology is applied. For landscape orientation the modules are fixed using a click system, where no screws are necessary. In portrait orientation the proven Clickstone technology is utilized.

Significant savings

Sigma I XL stands out due to its simple, functional design and the minimal number of tools required for installation. This translates into considerable savings on installation costs especially on larger projects due to the reduced number of components involved.

Maximum service life

The long service life is a significant characteristic of the Sigma I XL. The combination of aluminum, stainless steel and galvanized steel guarantees high corrosion resistance and maximum durability.

The environment is king

The ramming poles along with the absence of concrete foundations make the system environmentally friendly and insure easy and cost-effective renaturalisation. In addition, the system is recyclable.



Open terrain



Framed module



Orientation portrait





Orientation landscape





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|----------------------------|--|
| Application | Open terrain – ground mount |
| PV modules | Framed |
| Module layout | Multi-variation, maximum table length 20 m |
| Module orientation | Portrait, landscape |
| Module inclination | 20°, 25°, 30° or 35° ¹ |
| Ground clearance | 80 cm ¹ |
| Sigma post spacing | To be determined, subject to local conditions and static calculations |
| Standards | Eurocode 1 – Actions on structures Eurocode 3 – Measurement and construction Eurocode 9 – Design of aluminium structures |
| Supporting profiles | Extruded aluminium (EN AW 6063 T66) |
| Ramming posts | IPE post (S235) |
| Small parts | Steel, zinc-flake-coated, Stainless Steel (project specific V2A / V4A) Extruded aluminium (EN AW 6063 T66) |
| Colour | Aluminium: plate finish |
| Warranty | 10 years ² |

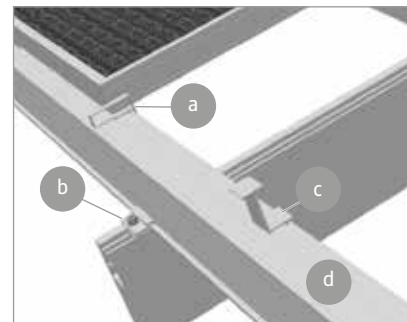
| Configuration | Module | Foundation | Clamping |
|-------------------------|--------------------------------|------------------------|---|
| Sigma II 2 portrait | Framed and unframed Modules | Suitable for all types | Clickstone- system  |
| Sigma II 3 landscape | | | Click-system  |



Upper adapter rafter



Lower adapter strut



Sigma II Module clip

- a** Spacer
- b** Module support clamp
- c** Module clip
- d** Pi-rail for landscape orientation

¹ Other on request.

² For terms and conditions please refer to the Mounting Systems GmbH warranty.