Sigma I XL<sub>ALU</sub>

Significant savings
Sigma I XL<sub>ALU</sub> 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<sub>ALU</sub>. The combination of aluminum, stainless steel and galvanized steel guarantees high corrosion resistance and maximum durability.

Excellent flexibility
As a single post mounting system, the Sigma I XL<sub>ALU</sub> is perfectly suited for uneven terrain. Depending on the project requirements, it can be installed using various foundations, such as ramming posts, earth screws or foot plates for concrete. An adjustable connection between the rafter and module rail enables installation on terrains with East/West slopes.

Ecologically friendly
The system is developed and produced under certified sustainability standards. In addition, the components are recyclable and easily disassembled.
### Sigma I XL Product data sheet

- **Application**: Ground mount
- **PV modules**: Framed, frameless, bifacial
- **Module layout**: Multiple configurations, max. table length 20 m
- **Module orientation**: Portrait, landscape
- **Module inclination**: According to project requirements
- **Ground clearance**: Various
- **Ground slope**: Up to 18° East/West
- **Sigma post spacing**: According to static calculation
- **Standards**:
  - Eurocode 1 — Actions on structures
  - Eurocode 9 — Design of aluminium structures
- **Supporting profiles**: Extruded aluminium (EN AW 6063 T66)
- **Ramming posts**: C-post (IPE post)
- **Small parts**: Geomet-coated steel, hot-dip galvanized steel, Stainless Steel (project specific V2A / V4A)
- **Colour**: Aluminium: plate finish
- **Warranty**: 10 years

#### Configuration Table

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Module</th>
<th>Foundation</th>
<th>Module Fastening</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sigma II</td>
<td>2 portrait</td>
<td>clamps, screws, rivets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 - 4 landscape</td>
<td>clamps, screws</td>
<td></td>
</tr>
</tbody>
</table>

#### Diagrams

1. **Upper adapter rafter**
2. **Sigma I XL module clamp**
   - a. Module support
   - b. Module support clamp
   - c. Module clamp
   - d. Rafter

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