



Sigma I XL⁺

Sigma I XL⁺ is a single-post, open field, ground mount system. Similar to other systems in the Sigma line, Sigma I XL⁺ boasts high levels of structural preassembly, fast module installation technology and project specific optimization.

Outstanding adjustability

The Sigma I XL⁺ employs a proprietary Clickstone rail. The improved structural strength provided by this rail design, along with aggressive material design optimization, allows the Sigma I XL⁺ to adapt easily to either portrait or landscape module orientation. Mounting Systems' Clickstone click, set, and done clamping technology makes electrically bonded module installation fast and easy. With standard tilt angles from 20° to 35°, the Sigma I XL⁺ provides outstanding versatility for any ground mount project.

Significant savings

The Sigma I XL⁺ is designed for cost savings. Its simple, functional design, reduced component count, extensive preassembly and minimal tool requirements translate directly into faster assembly, reduced installation times and lower project costs.

Maximum service life

The rugged durability of the Sigma I XL⁺ contributes to its long service life. The combination of aluminum, stainless steel and heavy galvanizing assure long-term corrosion resistance and maximum reliability.

Gentle on the Earth

The use of driven piles, which eliminates the need for concrete piers or foundations, minimizes the impact of the Sigma I XL⁺ on the natural conditions of the site. Driven piles also make for easier and more complete site reclamation when required. And, of course, the entire structure is recyclable to minimize the impact on our environment.



Open terrain



Framed module



Orientation portrait



Orientation landscape





mounting
systems

Application	<i>Ground mount</i>
PV modules	<i>Framed, frameless</i>
Module layout	<i>Two vertically (portrait), four vertically (landscape)</i>
Module orientation	<i>Portrait, landscape</i>
Module inclination	<i>20°, 25°, 30° or 35°¹</i>
Ground clearance	<i>31.5 in. • 80cm¹</i>
Sigma post spacing	<i>Variable, subject to local conditions and structural calculations</i>
Standards	<i>International Building Code IBC 2009/2012 California Building Code CBC 2010 ASCE/SEI 7-10 Aluminum Design Manual 2010 ANSI/AISC 360-05 ACI 318-08</i>
Supporting profiles	<i>Extruded aluminum (EN AW 6063 T66)</i>
Driven piles	<i>I-Beam (S235)</i>
Small parts	<i>Stainless steel 300 Series (V2A)</i>
Color	<i>Aluminum: mill finish; Steel: hot-dip galvanized</i>
Warranty	<i>10 years²</i>



Upper adapter rafter



Lower adapter strut

¹ Others upon request.

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