

AS189 Portrait - H2100 HELIOS Free Field



Materials

- Aluminum Alloy 6005
- Hot dip Galvanized C-type piles ISO-1461
- Polyamide part to prevent direct contact between steel and aluminum parts
- Inox A2 Screws

Technical characteristics

- Series: H2100
- Type: AS189
- Application: Free field
- Alignment: Portrait / Landscape
- Inclination: 10° – 35°
- Foundation: Pile ramming or pile combined with concrete

Certification

- Static Analysis According Eurocodes 1,3,9
- ISO 9001 / ISO 14001 / ISO 50001
- CE
- Technical Manual
- Alumil 20 Year Guarantee

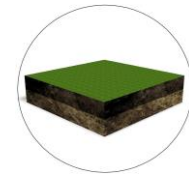
AS189 is the best solution for free field application with pile foundation. It can support any kind of photovoltaic panel alignment (portrait, landscape), with any panel dimensions and can be designed for the optimum inclination angle.

Two hot-dip galvanized steel piles, with coating for corrosion resistance conforming to ISO-1461, are combined with aluminum main structure (Alloy 6005) offering the best possible spans between triangles.

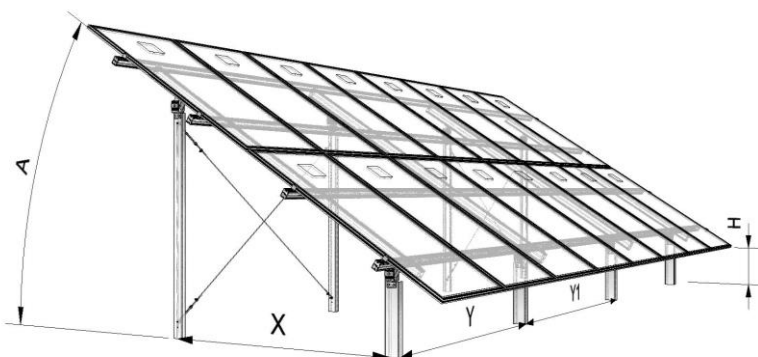
Each project is studied statically according to Eurocodes, based on the meteorological data and soil conditions of the location, in order to provide the necessary security to the installer.

AS189 is accompanied by a 20 years warranty, according to warranty conditions. The structure is delivered on the field in pre-assembled triangles offering flexibility, security and speed to installers in every large-scale free field photovoltaic installation.

- ✓ Pre-assembled materials
- ✓ Quick installation
- ✓ Light weight mounting system



TECHNICAL DETAILS



| Profile | H2055 | H2060 | H2070 | H2080 | H2090 |
|-----------------|---------------------|-------|-------|-------|-------|
| W = width (mm) | 52 | | | | |
| H = Height (mm) | 60 | 60 | 70 | 80 | 90 |
| Weight (kg/m) | 1,370 | 1,486 | 1,641 | 1,804 | 1,973 |
| Lengths (m) | Engineered to order | | | | |

