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nuevas energías

MONOPOST STRUCTURE

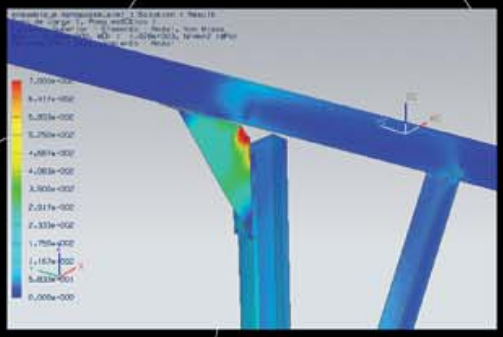
FIXED INSTALLATIONS ON THE GROUND

Without Pouring Concrete

The driving system of the metallic posts reduces the high costs and period that are generated by concrete foundations. In addition the environmental impact caused by the buried concrete is eliminated

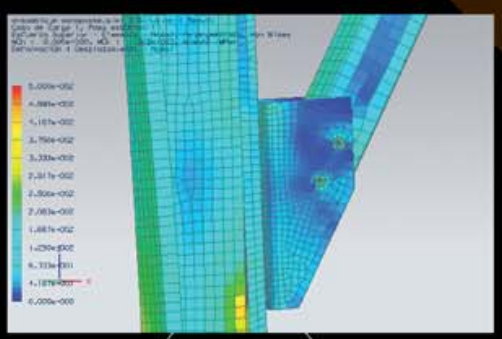
Monoposte System

With the monopost system we reduce the time of the piles driving to the half, so the rest of tasks of the installation will benefit of this advance.



Structural Security

Robust and compact.
Based on a geotechnical study of every project. Verified by load and pressure tests applied to a percentage of piles. The set is capable of supporting winds higher than 150 km/h.



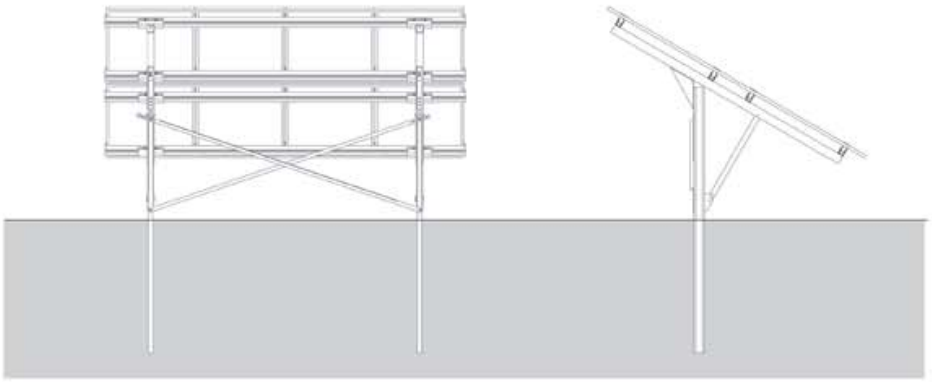
The **Enersol Monopost Structure** is the ideal solution to solve the foundation and structures of the photovoltaic installations on the ground, thanks to the driving system with metallic pile, the profiles and the fixing elements of easy and quickly assembly.

The Geometry of the system solves without problems the static efforts to which it is exposed and it adapts itself perfectly to the orographical unevenness.

Enersol's experience joined with the effort of overcoming and improvement do of this product the perfect alternative for the structures on solar farms. The choice of this product will provide an added value to you, because the reduction of the assembly periods will have repercussions in a decrease of costs.

Enersol offers **10 years of Product Warranty**

Detail of the Monopost Structure



100 % robust, the monopost structure is also able to absorb the unevenness of the ground. With the multipoint system we can adjust it in areas with inclinations of up to 15 %.

The fixing of the panels to the metallic shapes and the wiring are made in a fast, simple and economic way, because the steel shapes comes with some grooves for the fixing of the screws that can be carried out all along the shape.

TECHNICAL CHARACTERISTICS			
Dimensions (mm)	1580x880	1310x990	1540x990
Configuration V	2	2	
Configuration H	3	3	
Kind of pile	Metallic Shape C120, C140, C160 (According to G.S.)		
Lenght of the pile	3.000 mm		
Fixation	1.300 -1.600 mm (According to G.S)		
Allowable unvenness	15 %		
Hit Intensity	300 Nm/Hit		

G.S. Geotechnical Study

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Material

High quality material, demanding to every element some performances according to its function, so the piles are made of hot-dip galvanized steel, the shapes are made of hot-dip galvanized steel and the joints and the screws are made of stainless steel.

Supply and Performances

- Geotechnical study
- Calculation of the Installation
- Metallic piles driving*
- Load tests*
- Supply in the place*
- Assembly of the structure
- Assembly of the panels.
- Electrical cabling.
- Connection

*** Items to be made by Enersol.**

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For more information contact Enersol Nuevas Energías s.l. calling 96 556 19 91 or via

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