



FIXED STRUCTURE - DUAL POLE

Data Sheet



TESTED AND RELIABLE

Over 300 MW installed within the last 5 years all around the world of our fixed structures, Single/ Dual Axis Solar Trackers endorse our design & engineering, our project management and our commitment to quality and customer satisfaction.

ADAPTABLE AND VERSATILE.

All the dimensions of the structure can be adjusted to the terrain slope and also to fit solar modules with different types or sizes. This makes, *The Dual pole-Fixed Structure* a totally **CUSTOMIZABLE STRUCTURE ACCORDING TO OUR CLIENTS NEEDS.**

OUR CLIENTS.

A great ratio between price and power is offered by the structure, it makes this structure a profitable and reasonable option.



Technical Data	
Structure:	EF14.2P.2V.3M.3000
Material:	S275JR or equivalent / Aluminium 6061-T6
Coating:	Structure Hot Dip Galvanized
	Fasteners Minimum resistance of 500 hours in salt fog test.
Number of spans:	No span limit (minimum 2 span).
Solar Modules:	6 Solar panels in each span (2 x 1 m)
Solar Panels allowed:	<input checked="" type="checkbox"/> Crystalline. <input checked="" type="checkbox"/> Thin film. <input checked="" type="checkbox"/> Other sorts.
Support system:	<input checked="" type="checkbox"/> Hammered piles <input checked="" type="checkbox"/> Concrete Micro-piles <input checked="" type="checkbox"/> Concrete Foundations
Slope	10-40°
Norms & regulations:	Structural calculations according to the local norms and regulations Wind speed design: 140 km/h (able for 160km/h or higher wind speeds).
Actuation system:	Not required

CUSTOMIZATION AND DESIGN FOR EACH PROJECT.

As a function of technical requirements, structure design can be easily tuned changing geometry and parameters such number of pillars, number and dimension of panels, to achieve the best option for each project.

The number of beams (structure between pillars) is customizable and also the solar panels that can be assembled on the tracker can be set up for each project.

All the structures are designed and calculated following all the local norms and regulations (ASCE07, Euro-Code, SANS, etc.). In addition, the anticorrosive coating treatment is certified and a high quality fastener and bolts (Quality 8.8 SAE) is used.



FOUNDATIOS

Due to the different characteristics of the terrain, our company has adapted structure design to be compatible with the different foundation systems such as concrete footings, hammered piles or concreted micro-piles to meet the technical requirements applicable in each country, making both our Fixed Structures and Single/ Dual Axis Trackers highly adaptable to any kind of ground. Ercam products combine an optimal performance with high durability, long-term reliability & minimal maintenance operations.



ENERGÍA
ERCAM

EF14.2P.2V.3M.3000

OWN MANUFACTURING FACILITIES

By manufacturing our designs in the facilities that we've got in **Spain and South Africa and India**, we assure the optimum final prices and **maximum value for our customers**.

ERCAM'S KNOW-HOW

Our long record in the solar market, our portfolio of international projects, our engineering & design team equipped with the most advanced analytical systems and our highly experienced board of directors allow Energía ERCAM to be one of the few companies operating in this market.

OUR STRUCTURES EVER ARE:

- ◆ Environmental friendly.
- ◆ Quietly.
- ◆ Service life of 25 years.
- ◆ 3 years warranty (extensible under contract).

*Photovoltaic Field in
Baltimore (U.S.A.), IMW*

Energía ERCAM



The company was founded in Spain in 2000 to meet the needs of the Spanish renewable solar energy market. Since the very beginning, **ERCAM** has focused on becoming a leading EPC entity and a dominant tracker supplier for the photovoltaic solar market. **ERCAM** has developed its own fix structures, single axis trackers and dual axis trackers. Our engineering & design division constantly works to optimize and improve our products.

At present, 300 MW of **ERCAM** solar trackers have been installed in different places around all the world, like Spain, France, Greece, Italy, South Africa, Algeria, The U.S.A and India.



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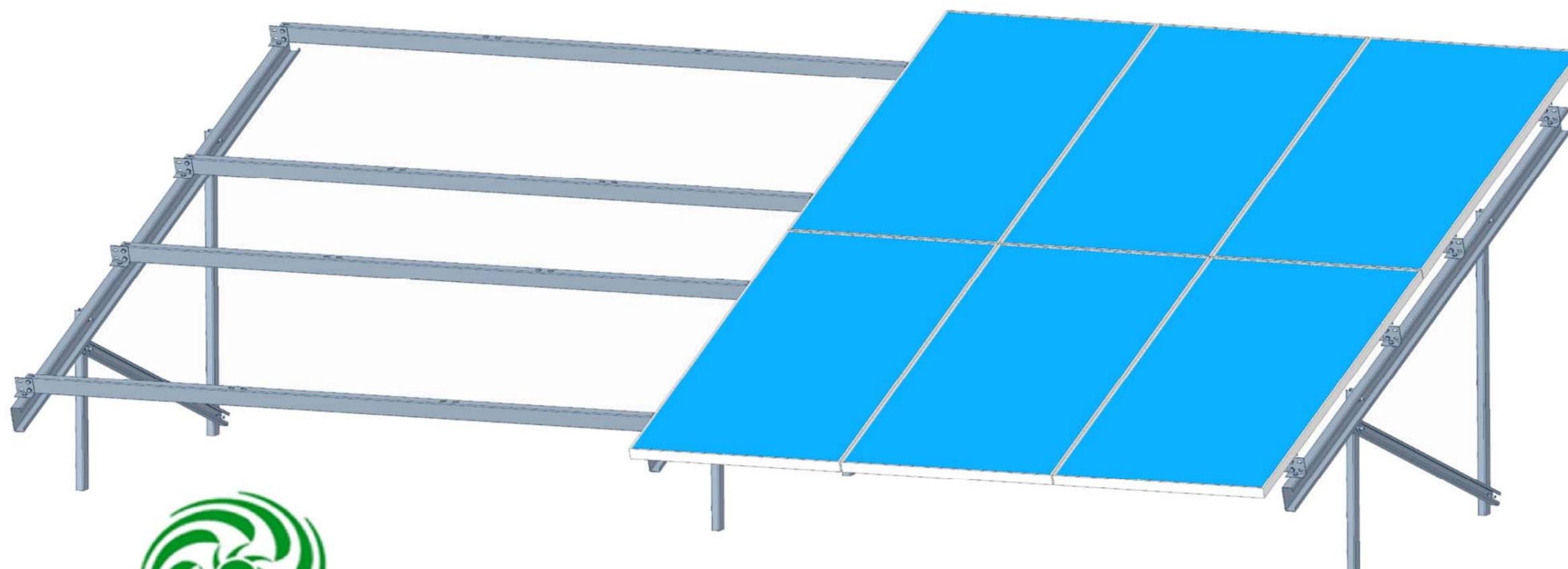


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PHOTOVOLTAIC ENERGY * THERMAL ENERGY *
BIOMASS * HYDRO-POWER

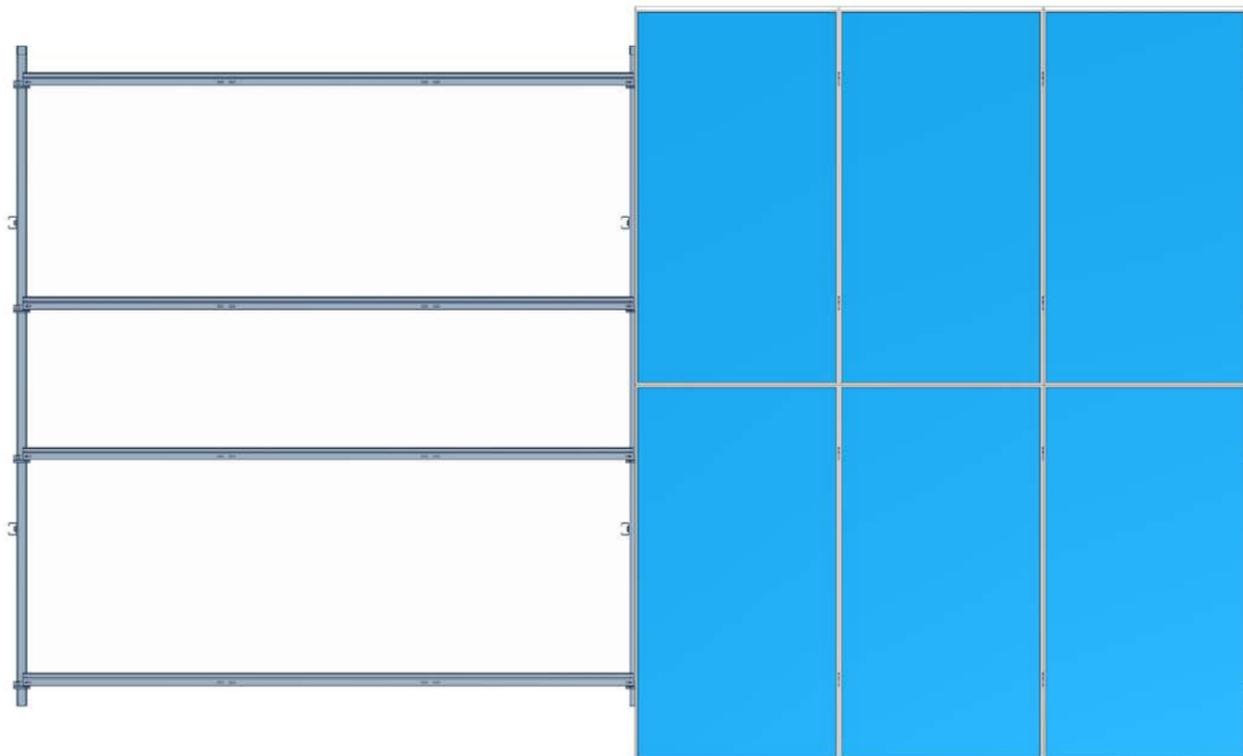
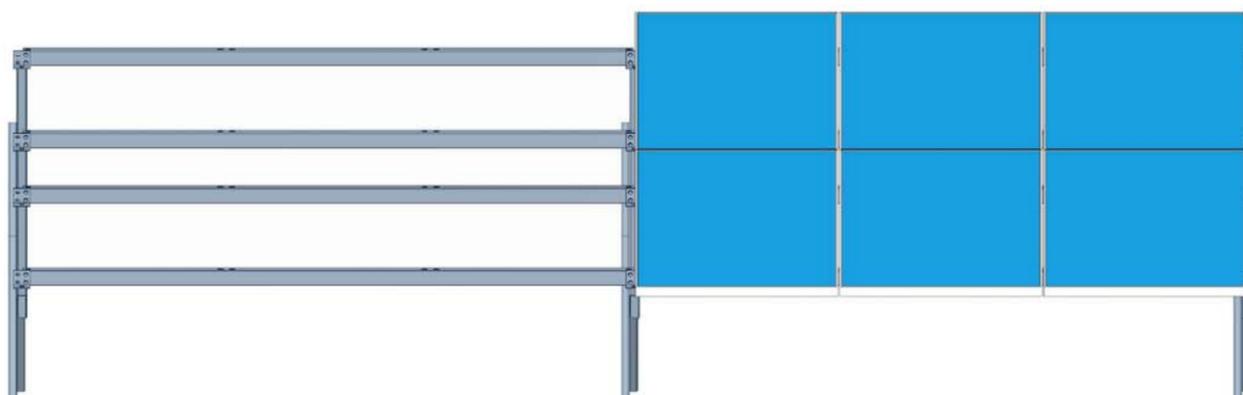


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