



SOLAR 1

BALLAST SUPPORT FOR PHOTOVOLTAIC PANELS

Solar 1 is a support for a photovoltaic panels made of thermoplastic polymer injection, fully recyclable. Consists of two elements side by side in order to fix a panel, stability is granted by appropriate ballast.

This product have been designed :

- _to be used on flat surfaces , roofs or ground
- _to simplify and speed up the installation
- _fixing to the below surface not requested



Special pins allow a perfect alignment of elements.

To secure the modules have been applied standard fixing system.

The base is designed to contain the ballast: gravel, brick, concrete, water tanks or any other material available.

Solar 1 can be also fixed to a pipe below the base, for use without ballast.

Appropriate holes allow rainwater flow.

The product can be stacked and transported on pallets.

The surface for 1MWp is approx 18.000 m², (3,90 m² per module, i.e. parallel lines spaced 1.30 m).

Maximum aerodynamic load allowable on photovoltaic panel is 200 kg/m².

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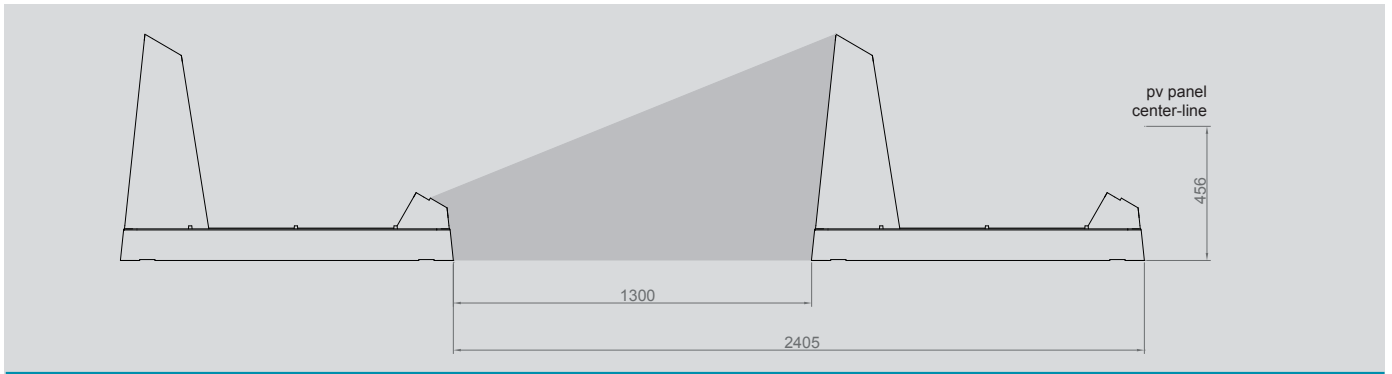
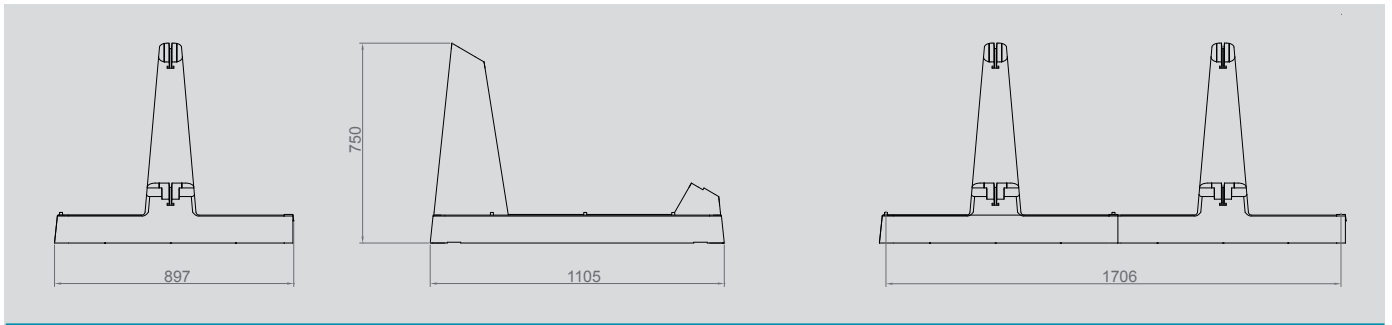
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SOLAR 1- data sheet

▼ DIMENSIONS



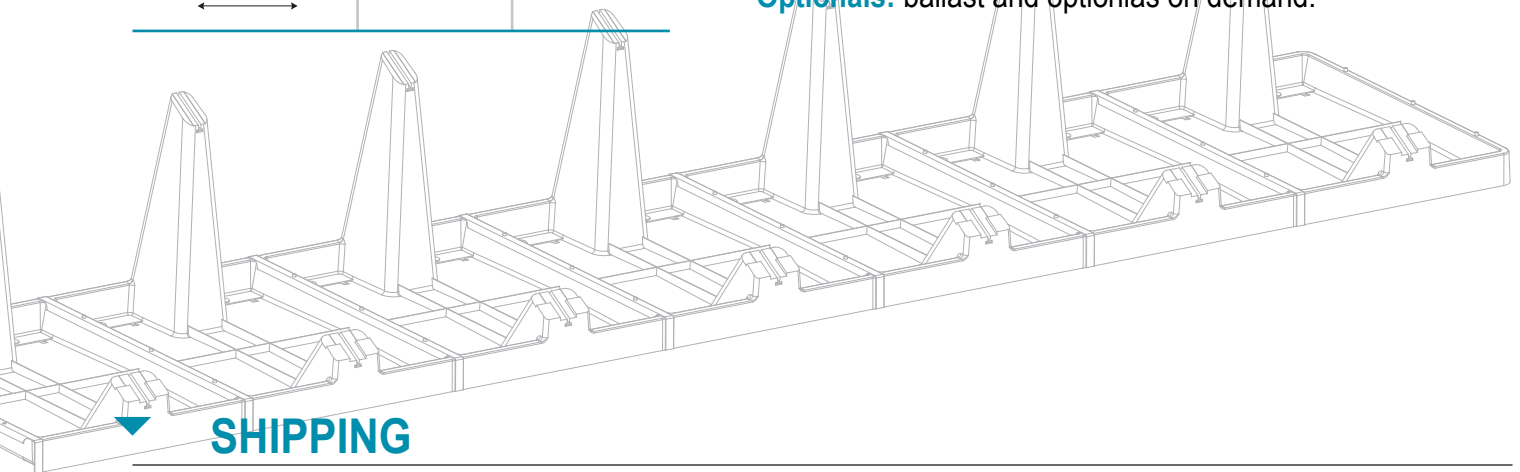
Photovoltaic panels dimensions	Min (cm)	Max (cm)
	97,0	106,0
	165,0	170,0

Tilt angle: fixed 30°.

Aerodynamic load: Maximum aerodynamic load allowable on photovoltaic panel is 200 kg/m².

Surface: for 1MWp is approx 18.000 m² (con moduli fv da 220 Wp).

Optionals: ballast and optionlas on demand.



▼ SHIPPING

Dimensions L x P x H (cm)	Weight Kg	Pcs per Pallet = pv panels	Pallet Dimensions (cm)	Pallets per Track 13,6m	mt.13,6	Total PV panels per track
89,7 x 110,5 x 75	7	44 = 22	100 x 120 x 210	26		572