

# SOLAR 1

## BALLASTED SUPPORT FOR PHOTOVOLTAIC PANELS

Photovoltaic panel support made of technopolymer by injection, fully recyclable. Formed by two elements side by side so as to be able to fix a panel, the stability is guaranteed by suitable ballast.

The product is specifically designed for:

- use on flat surfaces: roofs or prepared soils
- simplify and speed up the installation operations
- it does not require attachment to the underlying surface



Special lugs allow a perfect alignment of the elements.

The mounting of the modules takes place using traditional clamps, T-screw M8.

The base is adapted to contain the ballast: gravel, bricks, concrete casting, for water tanks or any material available on site.

The product can be used also without ballast, screwing it suitable for transverse currents.

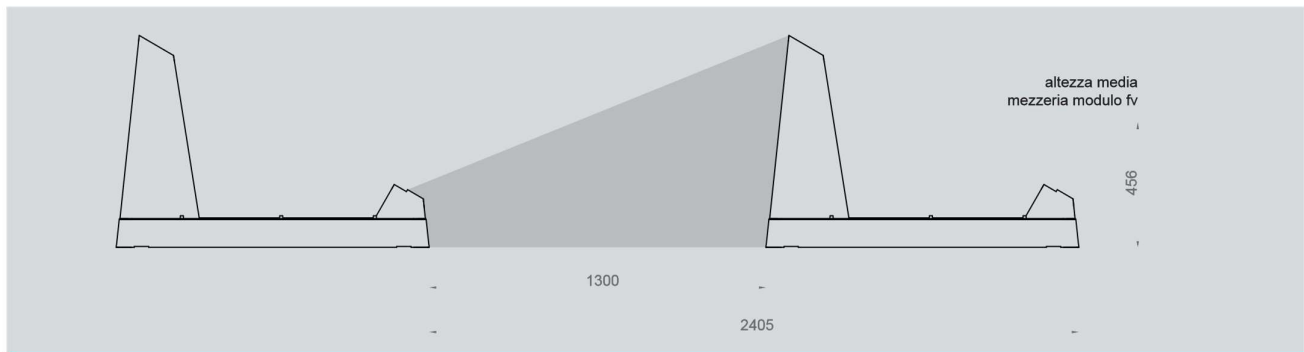
Appropriate through holes allow the evacuation of rainwater.

The product can be stacked and transported on pallets.

The surface expenditure is approx. 18000mq for 1MWp (estimate with modules of 220Wp), 3.90mq per module (ie spaced parallel rows of 1.30m). The maximum aerodynamic load on the photovoltaic module is 200 kg / sqm.

# SOLAR 1- technical documentation

## ▼ DIMENSIONI



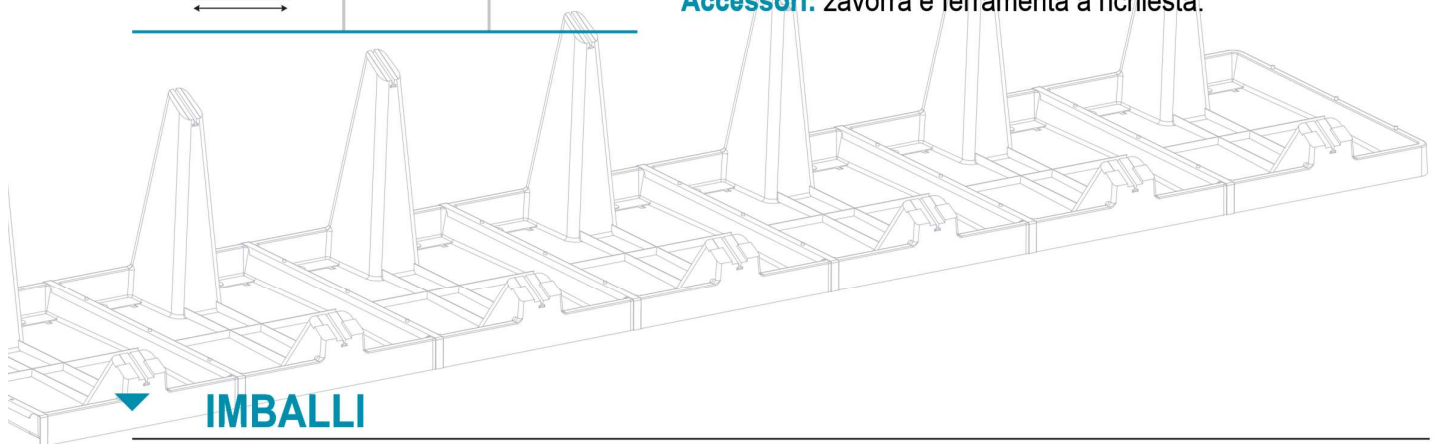
Dimensione Moduli fotovoltaici	Minima (cm)	Massima (cm)
	97,0	106,0
	165,0	170,0

**Angolo di tilt:** fisso 30°.

**Carico aerodinamico:** il massimo carico aerodinamico sul modulo fotovoltaico è di 200Kg/m<sup>2</sup>.

**Dispendio di superficie:** ca. 18000 m<sup>2</sup> per 1MWp (con moduli fv da 220 Wp).

**Accessori:** zavorra e ferramenta a richiesta.



## ▼ IMBALLI

Dimensione L x P x H (cm)	Peso Kg	Nr Pezzi Pallet = moduli fv	Dimensioni Pallet (cm)	Nr. Pallet Bilico 13,6m	mt. 13,6	Nr. Pannelli fv
89,7 x 110,5 x 75	7	44 = 22	100 x 120 x 210	26		572