



GRUPO DIEZ



CONCENTRATED PHOTOVOLTAICS (CPV)

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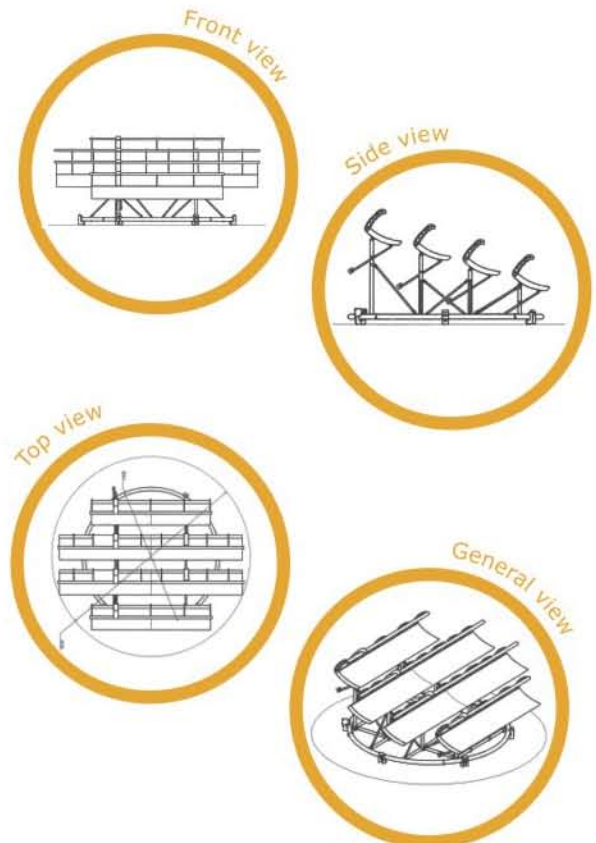
Zytech and Grupo 10, both companies with strong experience in manufacturing - PV modules (Zytech) and solar trackers (Grupo 10) - for PV installations are engaged in joint manufacturing at the new factory in Toledo (Spain). The Concentrated Photovoltaics systems involve two innovative technologies:

- High Concentration (1000X, Canadian technology)
- Low Concentration (5X, Zytech 10 owned technology)

HIGH CONCENTRATION

- Highly accurate tracking system avoiding loss, with an angle error lower than 0.25°
- Power range from 600W to 3000W, depending on the number of mirrors.
- Components manufactured in Canada and Spain. Assembled in Toledo, Spain.
- CE Mark and according to the IEC 62108 recommendations.
- Tested in CIEMAT, Research Center.
- Competitive price specially for use in high DNI (Direct Normal Irradiation) areas.
- Zytech 10's technology is covered by 10 years warranty.

ZT10-PS-2000C

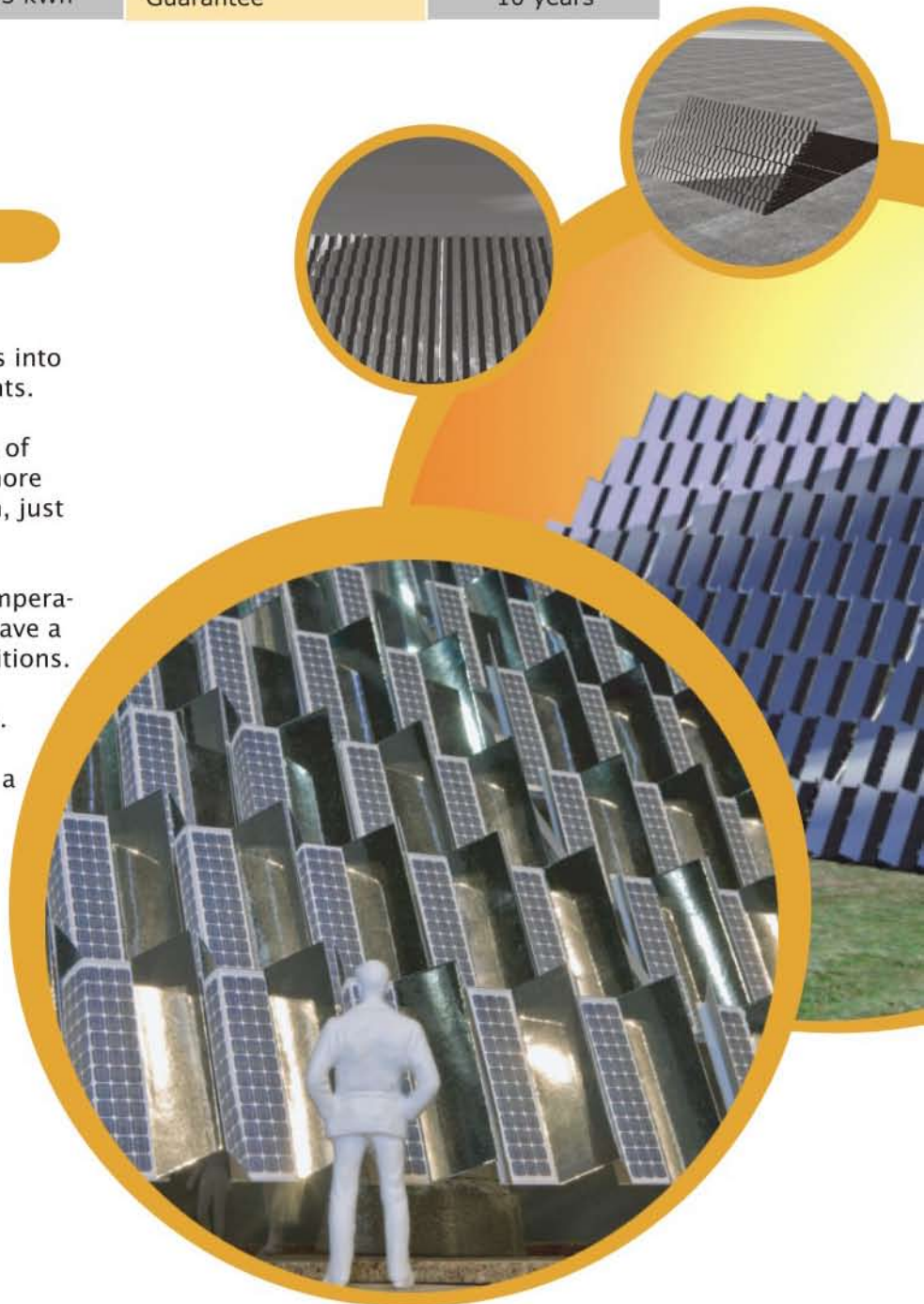


Electrical data

Maximum power	1815 W	Open circuit voltage	200 V
Maximum current	10.8 A	Tracking method	Dual axis
Maximum voltage	168.5 V	Tracking accuracy	<0.25°
Short circuit current	12 A	Operating power	<15 W
Power consumption	<0.03 kWh	Guarantee	10 years

LOW CONCENTRATION

- Low concentration technology takes into consideration new legal requirements.
- With an approximate concentration of 2.25X, it produces 1.8 to 2 times more power than a regular PV installation, just by adding low cost side mirrors.
- The PV module adapts to higher temperature work with few changes. Cells have a specific design for work in 5X conditions.
- Accords to IEC 62108 requirements.
- Control module's temperature with a PT100 resistance.



50KW TRACKING SYSTEM

Zytech10 also has the technology to manufacture a solar tracker, which receives the maximum number of light hours, from 20° of sun elevation. Higher tracking range compared to other large solar trackers.

- Specially recommended for large size PV installations with tracking systems.
- Modular concept.
- Lower aerodynamic loads.
- Easy maintenance.
- Easy control system.



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