



aH72

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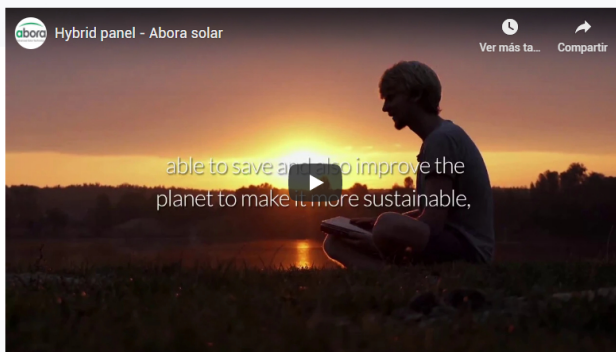
Hybrid solar panel

aH72 - Captures solar radiation for both heating and electrical energy on a single panel at reduced cost

These hybrid panels allow for the production of energy with a higher electrical efficiency than would be obtained separately and increasing heat production by 25%

Its innovation comes firstly from a transparent insulating cover which reduces heat losses from 40% to 15%. Secondly the three layers - consisting of the photovoltaic laminate, the heat recuperator and the copolymer that holds them together- are optimised for each specific application (generation of thermal or electrical energy). Lastly, thanks to the increase in panel size, the production cost of the aH72 is reduced. This solution is ideal for hotels and large buildings with elevated energy and thermal energy consumption.

Video / Images



Key features

- CO2 emission savings : 530 Kg/panel
- Green Energy production : 280 m2 provides 40.8kWp in electrical and 170 kW in thermal

Profitability

- Return Of Investment (ROI) before 6 years
- Heat production increased by 25% compared with other hybrid panels

Categories of Application

Company Profile



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SDG's of application

- SDG 6. Clean water and sanitation
- SDG 7. Affordable and clean energy
- SDG 9. Industry, innovation and infrastructure
- SDG 11. Sustainable cities and communities
- SDG 12. Responsible consumption and production

Maturity Stage

- Medium and large scale commercialization
- **Small scale commercialization**
- Initial market commercialization
- Prototype testing in the real world
- Prototype testing 1:1 in the lab

Looking For

Being promoted toward potential clients (hotels, buildings with high consumption), raise awareness of hybrid solar technology



• Photovoltaic

• Solar thermal

hybrid solar technologies

Networking Partner

INNOENERGY

InnoEnergy supports and invests in innovation at every stage of the journey – from classroom to end-customer.

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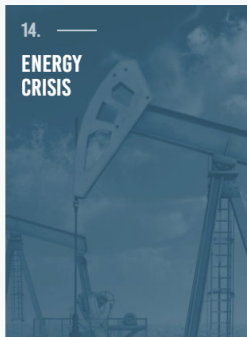
Activity Region

Map / List



● Headquarters ● Activity

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