

DESIGN, DEVELOPMENT
AND EUROPEAN MANUFACTURING



NOMIC

ECONOMY | COMFORT | ECOLOGY



HOT WATER
24 HOURS
A DAY

WORK DAY
AND NIGHT,
RAIN OR
SHINE

UP TO
85%
ECONOMY

THE LATEST
GENERATION
OF ENERGY
SOLAR

NEW DESIGN

We select the best components and subject our products to rigorous quality testing
ensuring maximum customer satisfaction

Solar Panel

- ANODIZED PAINTED ALUMINIUM
- HYDROPHOBIC FLEXIBLE COATING
- ONLY 8 KG, EASY TO TRANSPORT AND INSTALL
- DIMENSIONS: 2m X 0,8m X 0,02m
- NO GLASS, RUBBER OR FRAGILE MATERIALS
- NO RISK OF OVER HEATING
- NO RISK OF FREEZING
- NO STAGNATION
- NO CONDENSATION PROBLEMS
- HIGH RESISTANCE IN SALINE ENVIRONMENT
- HIGH RESISTANCE TO HUMIDITY
- CAN BE INSTALLED ON THE ROOF OR WALL
- DOES NOT LOSE ITS EFFICIENCY WITH TIME OR WITH DIRT
- NO NEED TO CLEAN
- ESTIMATED USEFUL LIFE OF 25 YEARS



FAQ's

What is the ENERGIE Thermodynamic Solar System?

ENERGIE Thermodynamic Solar Systems use a technology based on the principle of the French physicist Nicolas Carnot, who discovered thermodynamics. Thanks to him, Thermodynamic Solar Panels are capable of capturing the heat from the sun, or even from the rain and wind, 24 hours a day, 365 days a year. One of the innovative aspects is that an ecological fluid at freezing temperatures circulates through the solar panel, allowing a greater uptake of the solar energy and a higher absorption of the environmental energy, which is then released to the water through a heat exchanger. Thus, ENERGIE's Thermodynamic Solar Panels surpass the limitations of the traditional solar panels and make possible a more efficient increase of the water temperature.

Can I have hot water in days without sun? Because the fluid runs inside the panel at negative temperatures, it can capture more energy, than a normal liquid, even on days without sun or at night. Because of this thermal difference, the solar panel can capture the heat existing in the environment and transmit it to the water. Thus, the system always ensures hot water up to 55°C.

Does the Thermodynamic Solar System require extensive maintenance care? Maintenance is almost non-existent, you are just advised to check the magnesium anode, a protection element of the tank, once a year.



Model	Solar Panels (un)	Cylinder Type	Max. Power (W)	Absorbed Power (W)	Feed (V/Hz)	Capacity (l)	Cylinder (mm)	Height (mm)
ECO-Nomic	1	Stainless Steel	2900	390	230/50	250	580	1880

Address Zona Industrial de Laúndos, Lote 48
4570-311 Laúndos - Póvoa de Varzim PORTUGAL
GPS Coordinates N 41 27.215' , W 8 43.669'
Telephone + 351 252 600 230
Fax number + 351 252 600 239
E-mail geral@energie.pt
Website www.energie.pt

Distributor