



geko

EFFICIENCY
SAVING
ENVIRONMENT

choose the energy of the sun,
switch to **Geko!**



Voltage regulator for residential
photovoltaic inverters

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All its **advantages:**

- 1) It always supplies the inverter with the right voltage, even when this is variable at the input.
- 2) Geko protects the inverters from external overvoltages, this allows to avoid annoying breakdowns and expensive repairs.
- 3) Moreover, Geko allows the inverter to operate in any input voltage situation (a particularity that makes it unique in the sector). In fact, its wide range (187–260V) means that the production of the system is always continuous and does not go through interruptions, always obtaining the maximum possible production.
- 4) The installation of Geko is minimally invasive, in fact, it is installed downstream of the bidirectional meter.



Technical features

Geko



Rated input voltage	187 – 260 V
Nominal frequency	49÷51Hz
Output voltage	235÷242V
Load variation	0% to 100%
Power factor of the load	Not decisive
Waveform at the output	Sinusoidal
Full load efficiency	98%
Working environment temperature	-25°C ÷ +45°C
Cooling down	Natural circulation
Relative humidity	≤95%
Degree of protection of the container	IP44

The **Geko range** is divided into two categories:



» from 5 kVA to 7 kVA «



» 12 kVA – 18 kVA – 25 kVA «

FAQ: why choose photovoltaics?

Choosing the energy of the sun for the energy needs of your home is a sustainable choice that contributes to reducing the emissions of CO2 and other pollutants in the air. Here are the main questions and answers for those who want to switch to an alternative and environmentally friendly source of energy.

- **What is photovoltaics and how does it work?**

Photovoltaics is a technology that converts the energy of the sun, therefore a source of clean and 100% renewable energy, into electricity used to satisfy fully or partially energy needs.

- **Can solar panels be installed indoors?**

Can solar panels be installed indoors? Of course, if there is enough space. The modules of a photovoltaic system can be installed on the roof of the building, but also on the terrace or balcony, on a facade of the house or on the ground.

- **How much can you save with solar panels?**

In the case of self-consumption, that is to say of a system that is able to completely satisfy the energy needs of a house, we are talking about 100% savings.

- **How is the power of a photovoltaic system measured?**

The unit of measurement is the KW / p, the peak kilowatt, that is to say the maximum power that the panels can reach in absorbing solar radiation, therefore under optimal conditions and in a situation of maximum thermal efficiency.



energy efficiency division



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It is written ESE,
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