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SOTEC GREEN LINE DIVISION

OUR VISION, MISSION & CORE VALUES

SOTEC GREEN LINE DIVISION was created to meet the ever-increasing demands of private and industrial customers for renewable energy sources, which benefit the environment and save energy.

Aware of the role we can play in developing sustainable innovations, SOTEC GREEN LINE DIVISION's goal is to allow everyone to improve their «ecological footprint» and to contribute to sustainable development.

SOTEC thus wishes to participate actively in the achievement of the Sustainable Development Goals adopted by the UN, which are a unique opportunity to progress towards a better and healthier world.

Our Solar 3KW 48V kit is one of the solutions we have implemented to achieve this goal.

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KIT SOLAR 3KW 48 V

What is a solar panel kit ?

Among the various free and green energy production systems, the solar kit is the most accessible, efficient and practical solution. It makes it possible to save money, gain autonomy, connect isolated places and participate in the protection of the environment and energy transition.

The photovoltaic solar kit transforms solar energy into electricity, enabling it to supply electric devices. Thus, a self-consumption solar kit allows to produce free energy, to consume it immediately and to save on our electricity bill.

We are deeply convinced that the energy transition goes through the decentralization of energy, enabling everyone to produce and consume their own energy.

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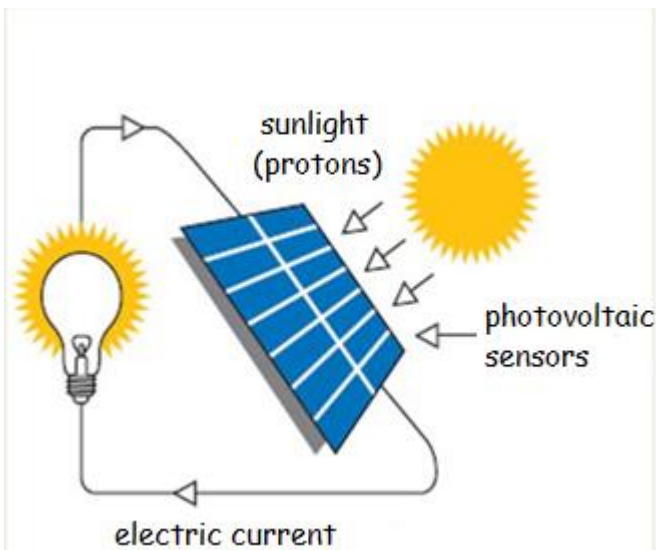


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Our Solar 3KW 48 V kit therefore allows everyone to collect the sunlight, maximize its energy production and thus **reduce its bill and its energy impact.**



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What does our Solar 3KW 48 V kit include ?

Our self-consumption solar kit with a nominal power of 3KW 48V includes all the necessary components for the production of electricity, adaptable to different needs.

It is composed of :

- 10 monocrystalline solar panels Amerisolar 300W
- 1 Inverter ABB Hybrid AB-RT3.6TL REACT2-UNO-3.6- TL - ABB Hybrid Inverter 3600Wca 2MPPT
- 1 Battery Box 4kWh Li-ion AB-RT2-BAT SAMSUNG
- 1 Single Phase Energy Meter -AB-RMTR-1PH



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How can you install our Solar 3KW 48 V kit ?

Our kit is ready to easily build your personal ecological factory, installed by yourself or with the help of a local contractor.

Its installation takes between 1 and 1 day and a half of time approximately. For it to be functional it is necessary to :

- Install it in a place well exposed to the sun
- Fix the panels on the frames fixed on the roof or on the ground. The inclination of some structures can be adjusted according to the season
- Install the battery and the regulator in a special equipped and ventilated room
- Make the electrical connections by connecting the batteries to each other, connecting the regulator to the battery and finally connecting the regulator to the panels
- It is advisable to wait until the battery is full before connecting the devices

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KIT SOLAR 3KW 48 V

The power we need to install depends on our consumption, both for the amount of kW consumed and for the time of the day when we consume it. This power is measured in kWp and is obtained by multiplying the power of each solar panel by the number of panels.



Our kit of easy installation allows us to reach our goal : enable isolated and disadvantaged rural areas to benefit from a **free** and **inexhaustible** source of energy, which has **minimal impact on the environment**.

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