**Slogan:**

Solaqua Solar panels

Custom built solar panels to fit all your needs

Call now, or book online, for a hassle free quotation or installation.

**Introduction**

Many people believe that Solar Panels in Ireland only work during the summer, however this type of free energy is available throughout the year. From May to September SOLAQUA Solar can produce 100% of the energy required for heating your domestic water. The SOLAQUA Sahara collector operates not just with direct sunlight, but also diffused sunlight, so they even work on cloudy days.

On average SOLAQUA Solar can provide up to 70% of your hot water needs per year, for free!

**INSTALLING SOLAR PANELS - THE BASICS**

We can organise a site survey. This is to find out the technical aspects of installing any renewable energy source or solar panels into your building or home and to inform you of the process involved. If you agree, we will contact you later with a no obligation quotation - no hard sell just common sense figures  
To install solar panels for heating water you need to consider the following:

Installing solar panels will take approximately 1-2 days to complete. This is possible if your house is like the vast majority of houses in Ireland and satisfies the following simple criteria:

There is access to a South facing roof (anything between South East and South West is fine) with room to install the solar panels. If your property faces east or west that is also no problem but needs a slightly larger system.  
2. You have attic space with reasonable access to run the solar pipework.  
3. Your hot press or plant room has space big enough to take a new solar cylinder

**OUR EV CAR AS A SOLAR BATTERY**

Solar panels and ev car chargers

Solar panels and [EV Car chargers](https://www.carchargers.ie/) in one system includes  solar panels mounted on your roof or on a car port, a suitable EV car charger and an optional battery pack.  The battery pack is optional for the moment due to cost but will soon be a very beneficial part of the system, for now we can use your EV car as the battery.

When the sun shines the solar panels start to generate electricity, this goes firstly to your house or building's electricity supply and feeds anything that is using electricity at that time,  the washing machine at home for example or computers / machinery  if you are in a work setting.   However if the solar panels start to produce more electricity than is required at that time they either spill the excess energy onto the grid (you give it away for free..)  or you just stop generating, either way you do not benefit from this excess.

NO WASTE

By including EV Car Chargers in your system you can eliminate some or all of this waste.  This can happen by one of two ways.  You can simply plug in your car to the EV car charger and this increases the electricity load which will decrease the chances of exporting any excess onto the grid.  Or the EV car charger can communicate with the solar panels inverter, and tell it that there is a car ready to be charged,  this system turns on the EV car charger automatically and charges your car using the  available electricity from the solar panels.

Free, no obligation quote

If you are interested in solar PV or any of our other technologies for your home and the benefits it could provide you, simply call 01275 461 800 or fill out the form on our [contact us](http://www.solarsense-uk.com/contact-us.aspx) page.

**News**

**Contact Us**

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**About us**

Solaqua has an unparalleled 21 years’ experience installing a wide range of sustainable solutions. From [solar PV](http://www.solarsense-uk.com/our-technologies/solar-panels-(pv).aspx) and [battery storage](http://www.solarsense-uk.com/our-technologies/battery-storage.aspx) to [heat pumps](http://www.solarsense-uk.com/our-technologies/heat-pumps.aspx), [LED lighting](http://www.solarsense-uk.com/our-technologies/led-lighting.aspx) and [solar carports](http://www.solarsense-uk.com/our-technologies/solar-carports.aspx), you can be sure of receiving honest advice and a reliable installation suited to your home or business – we tailor each specific job and can offer advice on which technologies and products are best suited to your particular [home](http://www.solarsense-uk.com/for-homes.aspx) or [business](http://www.solarsense-uk.com/commercial-projects.aspx).

**Products**

**Our products**

Solaqua use only the best available products and test on site in order to maximise efficiency and minimise problems. All of our products are tested for due diligence and longevity - ensuring that the they will last as long as their warranties.

By using performance-guaranteed created by us - you can be sure of the highest quality products and a reliable system that will last.

1.Ready made panels 1.5.x 0..5m

Custom size panels

Car charging station

Portable chargers and panels

**Car charging station**

These products enable recharging of vehicles at charging points incorporating integrated renewable energy generation. This means that the energy used has reduced CO2 emissions as well as other pollutants.

The 2kWh lithium battery Holds enough power to charge your car at night, and recharges the next day. This works out to be one of the most economic battery systems.

**Custom size panels**

We provide customized solar energy solution to fit your product design and available space, while achieving required power and efficiency.

**Portable chargers and panels**

Thanks to a super-sized 40W solar panel charger, the Solaqua-mini offers a beefy 2.8A (Amps) of power capable of re-charging smartphones, tablets and even some smaller laptops. Built-in to the Solaqua-mini is a 5V/2A charging port for a 5V gadget and a 18V DC output (18V/2A) for charging a laptop or other 18V powered devices. Fortunately, all that extra juice doesn’t mean an unwieldy size; the X-Dragon maintains a slim and foldable profile that’s easy to carry around. It can go in or on a backpack with the included carabiner that hooks directly to a bag.

**Ready made panels**

Meet Part L on houses up to 140m2 house for under €1000

Our Solar Photovoltaic (PV) panels convert daylight to electricity efficiently;

No water, overheating or maintenance;

The most economical way to meet the renewables requirements under Part L of the building code;

Easy to fit with no pipework or pumps.