



Foto: © fotolia.com | Westend61

prepare your own  
**solar hot water**



With the **SELACAL** technology

solar hot water production is a breeze

*What was only an expensive dream a few years ago, is now a reality:*

- solar electric hot-water heating
- efficient and cost-effective

In a small space the **SELACAL tank** provides enough hot water for the whole family.

Only **3 or 4 PV panels** are enough to feed the solar tank. A thin solar cable is all that is needed.

With minimal input the system is **designed and installed quickly.**

Depending on your location, the system **saves 55% to 80%** of the gas or electricity bill for water heating.



[www.awasol.com](http://www.awasol.com)

Photography by Brian Maginnity © 2015

## Operating mode

PV-modules lead the solar electricity to the SELACAL hot water tank and heats it up. The SELCAL Control unit is our smart energy controller and ensures optimum solar energy transfer and savings. With a blue LED display you can easily keep track of your energy savings.

Hot water is available at all times even in times of reduced sunshine e.g. in the winter with the auxiliary electric heater. As an option, it can be combined with e.g. a gas boiler.



## The new solar philosophy

For the energy transition of tomorrow new ideas are needed to make solar energy available for every household.

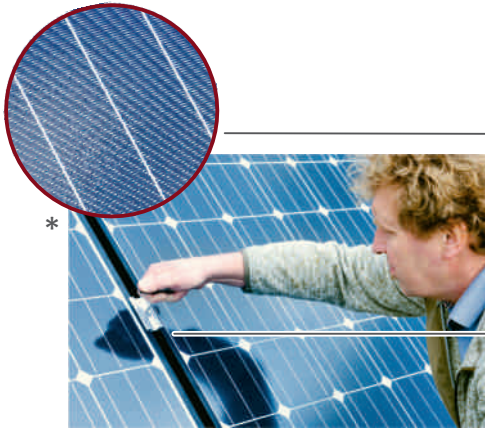
The SELACAL system eliminates many technical components, and the controller combines all the features for the flow of energy and thermal safety.

The installation of our SELACAL system is done in almost no time. It's designed for an easy plug and play installation and since there are almost no moving parts the SELACAL system is very low maintenance.



In this way, solar technology is simple and reliable

## The SELACAL Solar System



High-efficiency solar panels with anti-reflective coating for high performance even in low light operation

Solar modules with TRIC system: easy to install

easy installation of the PV-power line



SELACAL controller with highly efficient MPP tracking and overheat protection

Appealing blue LED-Display incl. fault diagnosis and energy savings



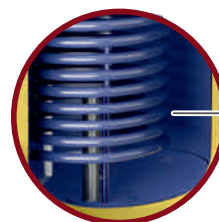
Compact hot water storage: fits in any corner

Good insulation and avoidance of thermal bridges: minimal losses

optimized anodic corrosion protection with anode tester



simple screw connections for the water supply (no soldering needed)



also available with heat exchanger to combine with a gas or oil boiler

\* Photography by Brian Maginnity © 2015

## More compact power

---

The SELACAL system features a small, compact storage tank. The system provides high savings values. **Every solar KW-hour is converted 100% into heat!** (see “[www.awasol.com](http://www.awasol.com)”).

The compact design and easy installation of the **SELACAL system fits easily into almost every single-family home**. We also provide solutions for multi family houses, apartment buildings and bungalow parks.

Our decentralized SELACAL system makes it **easy to separate costs and avoids difficult piping installations** specially in multi family houses.



- *High energy savings in confined spaces*
- *No solar pipes in a domestic installation necessary*
- *High performance even during cold and windy weather conditions*
- *No frost or overheating problems*
- *Clear information on the function and energy-savings*
- *Minimum effort for planning and installation*
- *Short distance to the shower = fast hot water*
- *Optimum hot water hygiene*

## The way to SELACAL solar systems

---

Contact your local dealer or use our information services for the design of your solar system under **[www.awasol.com](http://www.awasol.com)**