SMA HOME ENERGY SOLUTION

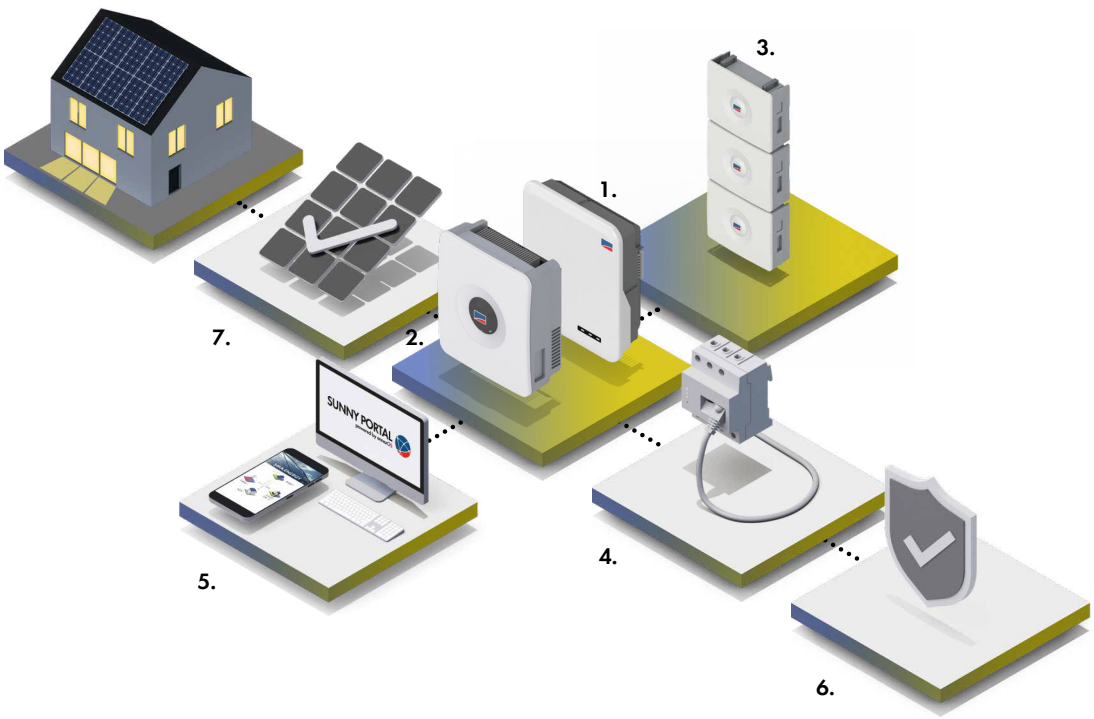
SMA Home Storage Solution

Another reason to love the sun: SMA's new solution for every house. Install a hybrid 2-in-1 inverter from SMA. It charges super fast. And equip every house with the modular SMA battery. It supplies energy to meet any future need. This powerful combination is only a small part of the new solution that will make your work considerably easier.

Unlock new possibilities with our latest solution

High-quality components, designed in Europe. Intelligent energy management, flexibility and effective service – brought together in a single solution.

In a world where uninterrupted electricity is essential, the demand for continuous power within your customers' homes persists, even without sunlight. Storing surplus solar energy in a battery enables increased self-consumption and reduced reliance on expensive grid power. Our intelligent, rapidly charging hybrid inverter, integrated with advanced features, transforms our flexible and modular Home Storage Solution into a crucial component of a harmonised appliance ecosystem. The ultimate all-in-one solution.



1. Sunny Tripower Smart Energy
Among **three-phase** installations, opt for the 2-in-1 hybrid Sunny Tripower Smart Energy with a built-in automatic back-up function. It charges the battery up to twice as fast, both with solar energy and from the electrical grid, and is easy to install and maintain.

2. Sunny Boy Smart Energy
Expand your range as of 2024 with the new **single-phase** 2-in-1 hybrid inverter, with 3 MPP trackers for flexibility in the design and low start voltage. It charges fast and thus gets the most out of every hour of sun, for even more self-consumption.

3. SMA Home Storage
Add a powerful battery with unparalleled flexibility, quick installation and modular design. This way, you can expand your installations seamlessly to meet future needs.

4. Sunny Home Manager
Provide optimal energy supply with this intelligent and versatile system. It adjusts all the energy flows on the basis of usage and weather forecasts. Measure and control your clients' energy performance with a single device.

5. Sunny Portal powered by ennexOS
Monitor your clients' systems with access to crucial data, adjust the parameters and enhance efficiency for optimal results.

6. SMA Smart Connected
Limit system downtimes with this free, automatic outage monitor.

7. SMA ShadeFix
Ensure maximum output from PV systems in every situation, even on cloudy days, with the integrated SMA ShadeFix software.

Hybrid inverters

Sunny Tripower Smart Energy

The combination of intelligent technology and integrated functionalities in one compact solution.

Power is needed when the sun is not shining, too. Storing excess solar energy in a battery for later use allows your clients to increase their self-consumption so that they need to buy less expensive grid power. This way, your clients in the Netherlands are already preparing for the phasing out of the net metering scheme. In Flanders, storage has already had an impact on energy bills since the introduction of the digital meter and the "capacity tariff". A battery, controlled by an intelligent 2-in-1 inverter, is an important step in this process. An energy system made up of seamlessly integrated devices is the ideal total solution.

Most important features:

- Complete three-phase hybrid inverter for both existing and new PV systems
- Charges batteries up to twice as fast
- Stores the solar panels' excess production intelligently
- Built-in automatic back-up function
- Easy installation and maintenance
- Charges with both solar power and grid power
- 10-year (5+5) warranty*

Sunny Boy Smart Energy

A new dimension of speed and capacity – for both installation and charging.

With the Sunny Boy Smart Energy, everything is faster. Thanks to the new design, assembly is done in the blink of an eye. Saving time means more jobs in less time. Plus you will increase your clients' self-consumption and autonomy. With three MPP trackers and a low start voltage, not a single centimetre of your roof's surface remains unused. The new, innovative charging technology gets the most out of days when there is little sunshine. The Sunny Boy Smart Energy will be available in the Benelux as of 2024.

Most important features:

- Single-phase hybrid inverter
- Output levels: 3.6 / 4.0 / 5.0 / 6.0 kW
- 3 MPP trackers and low start voltage
- High charge and discharge current
- DC/AC configuration of 200% (oversizing)
- Integrated emergency power supply
- 10-year (5+5) warranty*

* Registration of the product with the SMA Online Service Center within 30 days is required.

SMA Home Storage

The SMA super-adjustable battery: ready for the energy needs of every client – now and in the future.

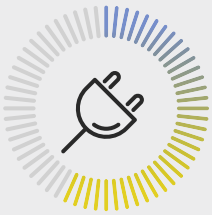
Plan for the long term with an impressive lifespan and flexibility. When it comes to modularity, the new SMA Home Storage goes one step further – or rather, four steps. Lay the basis with one or two battery modules, depending on the inverter, and expand the capacity as needed.* Whether your client wants to drive an electric vehicle or use solar energy for heating – you can be flexible in your approach.

When the system is installed, you can choose from three different types of assembly, so as to make optimal use of the available space. Whatever you choose, the SMA Home Storage equips each module with a boost of extra power. In combination with the Sunny Home Manager, it will be recharged based on forecasts, and will use solar power intelligently when needed. In this way, you will increase storage performance and limit your clients' energy costs.

Most important features:

- Expandable capacity 3.28 to 16.4 kWh
- Lightweight: 38 kg/module
- Long lifespan: 8,000 charge cycles
- Ready for virtual power plants (VPP) and future applications*
- 10-year (2+8) guarantee**
- Flexible installation on the ground, against the wall or back to back
- Suitable for outdoors (protection code IP65)

Advantages of



Savings on the purchase of expensive energy

Lower grid charges in Flanders, by avoiding peak usage

Use of free solar energy, even when the PV system is not producing any energy

Store surplus energy to avoid excessive demand on the grid

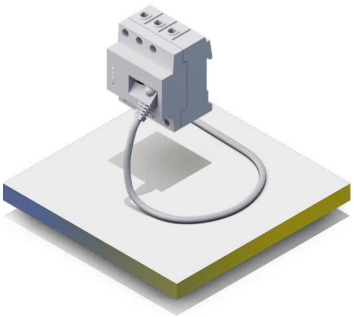
* various applications possible. More information is available on www.SMA-Benelux.com.
** registration of the product with the SMA Online Service Center within 30 days is required

Intelligent energy management

Energy management that thinks on its own

With the SMA Home Storage Solution you get the most out of solar energy. And your time. You get access to the useful SMA 360° app that takes the work out of planning, commissioning and maintenance. Plus, the Sunny Home Manager harnesses advanced intelligence to continually adapt energy flow to the individual household's consumption pattern.

Sunny Portal powered by ennexOS and the SMA 360° app
Schedule, install, and maintain. All in one app. Free up work time by commissioning the inverter with a single scan. Sunny Portal offers intensive monitoring and the option to remotely adapt parameters of the connected installations.



Sunny Home Manager
Intelligent energy management uses self-learning algorithms and weather/consumption forecasts to optimize load management and energy usage. Offer your customers lower costs and higher self-consumption of green energy. For greater independence.

SMA Energy app
Visualize and manage energy flows. Allow your customers to access their system's most important data from anywhere, anytime. And see the extent of emission and energy cost savings.

Everything from one supplier

Service for the complete solution

The fastest installation and easiest commissioning yet.

Get more work done! The lightweight device with various mounting options that is installed with a single twist speeds up your daily actions. Scan, tap and connect a complete system or a single device easily via the SMA 360° app. The step-by-step instructions are there to help you and to provide individual recommendations. Enjoy optimal configuration for each installation and handle more appointments with the simplicity of SMA.

One-stop consistent solution

Ensure the long-term operation of your systems and receive all-round support throughout the project lifecycle. Without contacting countless people. One solution, one contact. Simple.

- Expert support for the entire solution from the SMA Service Line or via the Online Service Center
- Training on the solution and products via the SMA Solar Academy
- Automatic fault monitoring with SMA Smart Connected

A leading global specialist

That’s the power of SMA!

More than 40 years’ experience

With more than 40 years' experience in solar energy technology and 30 years’ experience in storage, SMA is a brand you can trust.

SMA Partner Program

SMA offers you extensive training and webinars.
Score points with your customers by selling and installing high-quality products from a strong brand.

SMA Solar Academy

The SMA Solar Academy offers technical training that is customized for installers and covers products, systems, solutions and technical service.

SMA 360° Professional Support

SMA supports its partners from the first contact with a client, through the start-up of operations to optimal customer service. Feel free to contact the Online Service Center if you have any questions.

Discover the power of SMA on www.SMA.de/en

SMA ENERGY THAT CHANGES

SMA.de/en

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HOMESTORAGE-BEN2335 SMA KAN NIET AANSPRAKELIJK WORDEN GESTELD VOOR FOUTEN OF DRUKFOUTEN.