



SMA HOME ENERGY SOLUTIONS

SMA Home Storage Solution

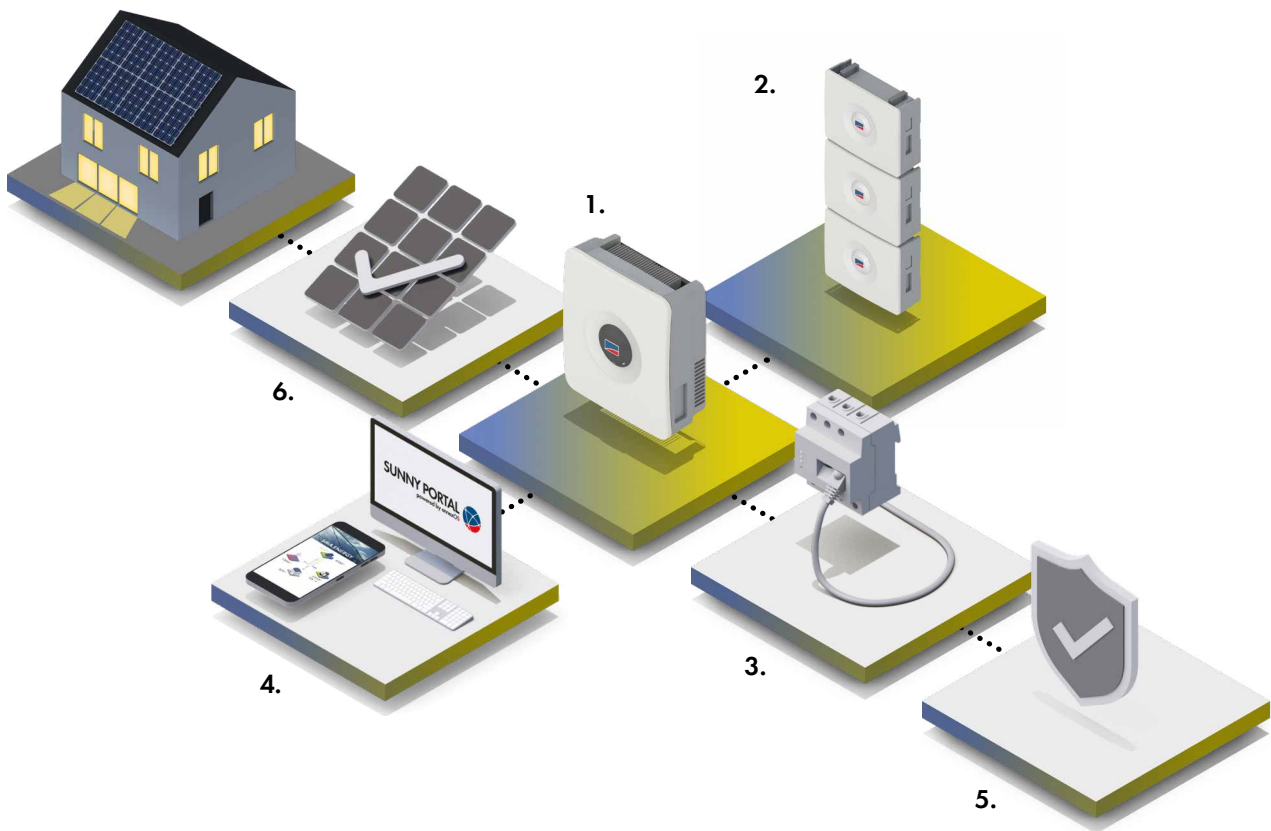
One more reason to love the sun: SMA's new solar solution for every home. Install the all-new single-phase 2-in-1 hybrid inverter that charges superfast. And provide any home with the modular SMA battery that delivers energy for any future needs. This powerful combination is just a fraction of the new solution that makes your job significantly easier.

A new solution for more possibilities

High-quality components designed in Europe, intelligent energy management, flexibility and effective service – all combined into one solution.

The SMA Home Storage Solution is the ultimate solution for all current and future energy needs. SMA gives you the flexibility to offer a customized energy solution for every home. The modular design makes it easy to get started. And to expand. Simply adapt the system to your customers' budget and energy needs at any time. Experience how this one-stop solution makes

your work faster than ever. SMA supports you from planning to commissioning. Additional components can be integrated hassle-free at a later date. Maybe to drive electric or heat with solar energy. Everything is possible with SMA. And stylish, too. The solution comes in a new design that gives every home a modern look.



1. Sunny Boy Smart Energy
Offer our new 2-in-1 hybrid inverter with 3 MPP trackers, low startup voltage, and fast charging capability for enhanced self-consumption.

2. SMA Home Storage
Drive new business with the powerful battery. Unmatched flexibility, easy installation and modular design for seamless expansion to meet future needs.

3. Sunny Home Manager
Optimize home energy supply with our intelligent all-rounder. Measure and control the energy performance in a single device.

4. Sunny Portal powered by ennexOS and SMA 360° app
Take complete control over your systems. Access vital data, adjust parameters and maximize efficiency for optimized performance.

5. SMA Smart Connected
Automate failure detection. Perform proactive system maintenance to save valuable working time.

6. SMA ShadeFix
Maximize PV-system yields in any situation. Even in the shade. With software integrated in the inverter.

1-Phase Hybrid-Inverter

Sunny Boy Smart Energy

The novelty in speed and performance.
Both during installation and charging.

Enjoy greater speed with the Sunny Boy Smart Energy. The new design reduces assembly to one central twist. Complete more jobs with less effort. And increase your customers' sufficiency and self-consumption. With 3 MPP trackers and low input voltage, you exploit every inch of their roof. The new, innovative charging technology charges the battery superfast, making the

most of days with little sunshine. It also uses the overproduction to avoid energy loss. Thanks to expandable backup options, the extra energy is available even during grid outages.* So your customers can use more solar power in their homes, save money and be protected for a very long time.



Key features:

- Hybrid, PV only, and AC coupling in one
- Power classes: 3.6 / 4.0 / 5.0 / 6.0 kW
- 3 MPP trackers
- Low startup voltage
- Substantial charge and discharge capability
- 200% DC/AC design capability (overdimensioning)
- Integrated Secure Power Supply
- Optional backup for 1-phase households*
- 10 (5+5) years warranty**
- Compatibility with HV batteries of leading brands
- Quality made in Europe

More yield in the shade

SMA ShadeFix optimizes the yield of PV systems in every scenario. Even if your customer is challenged by a 14-meter-high fir tree in their garden. Our software solution is built directly into the inverter. No additional components or installation effort required.



* available in a later release

** registration of the Product in SMA Online Service Center within 30 days is required.

SMA Home Storage

The most adaptable storage from SMA. Ready to meet every customer's energy needs. Now and in the future.

Plan for the long run with impressive durability and flexibility. The new SMA Home Storage takes modularity one step further – or four. Start with one of four battery modules and add capacity as needed.* Whether your customer plans to drive electric or use a heat pump fueled by solar energy – you have complete freedom. Starting with installation. Four mounting options are available to

take advantage of any location. Whichever you choose, the SMA Home Storage provides a performance boost with every module. When combined with the Sunny Home Manager, it can even be charged based on forecasts and to intelligently provide solar power when it is needed. This way, you increase storage performance and reduce customer energy costs.

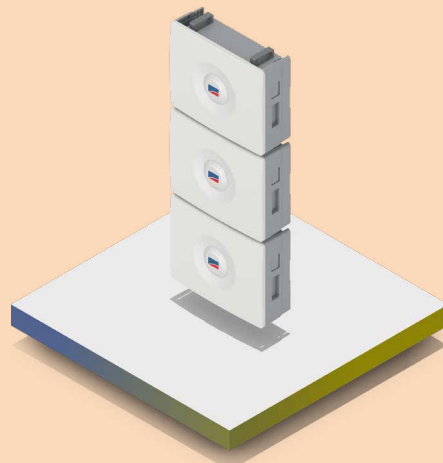


Key features:

- Expandable capacity from 3.28 kWh to 16.4 kWh
- Low weight: 38 kg/module
- Long lifetime of 8000 life cycles
- Ready for Virtual Power Plants (VPP) and future use cases
- 10 (8+2) years warranty**
- Flexible mounting on the floor, wall or back-to-back
- Outdoor installation possible (Protection class IP65)

Unmatched flexibility through modular battery design

The SMA Home Storage consists of up to four individual modules that can be freely combined with each other. They provide 3.3–13.12 kWh for the Sunny Boy Smart Energy and 6.56–16.4 kWh for the Sunny Tripower Smart Energy. Mountable on wall or floor, stacked or as a block. Numerous options for maximum freedom.





Intelligent  management

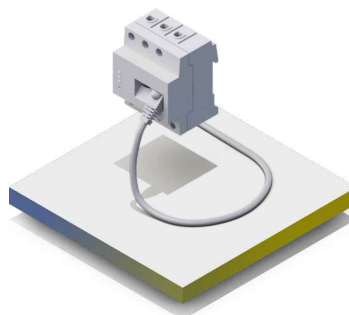
Energy management that thinks for itself

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 commissioning and maintenance. Plus, the Sunny Home Manager harnesses advanced intelligence to continually adapt energy flows to the individual household consumption pattern.



Sunny Portal powered by ennexOS and SMA 360° app

Schedule, install, and maintain. All in one app. Free up work time by commissioning the inverter and battery with a single scan. Sunny Portal offers intensive monitoring and the possibility 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 how much emissions and energy costs are being saved.



One-stop solution

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!

SMA's experience

With over 40 years of experience in PV technology and 30 years' experience in storage technology, SMA is a brand you can rely on.



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.



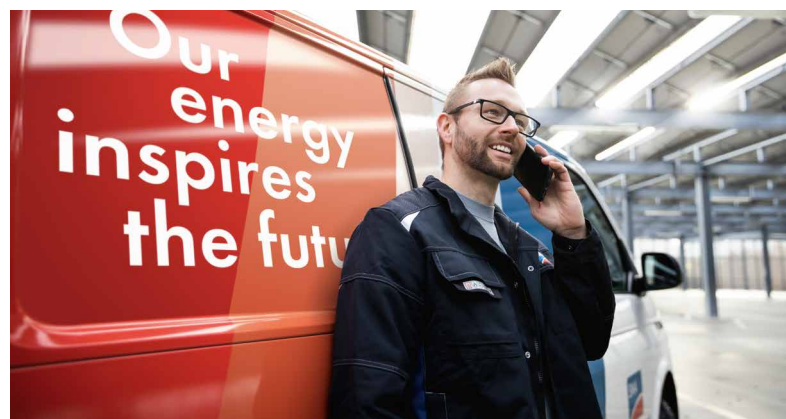
SMA Solar Academy

The SMA Solar Academy provides in-depth technical training worldwide on products, systems, solutions and services, tailored toward different target groups.



SMA 360° Professional Support

SMA supports its partners from the first moment of contact to commissioning and provides optimal customer service.





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