



SMA HOME STORAGE SOLUTION

Store solar power and use it flexibly

One more reason to love the sun: SMA's high-performance storage solution for a future-proof energy system.



One solution – more possibilities

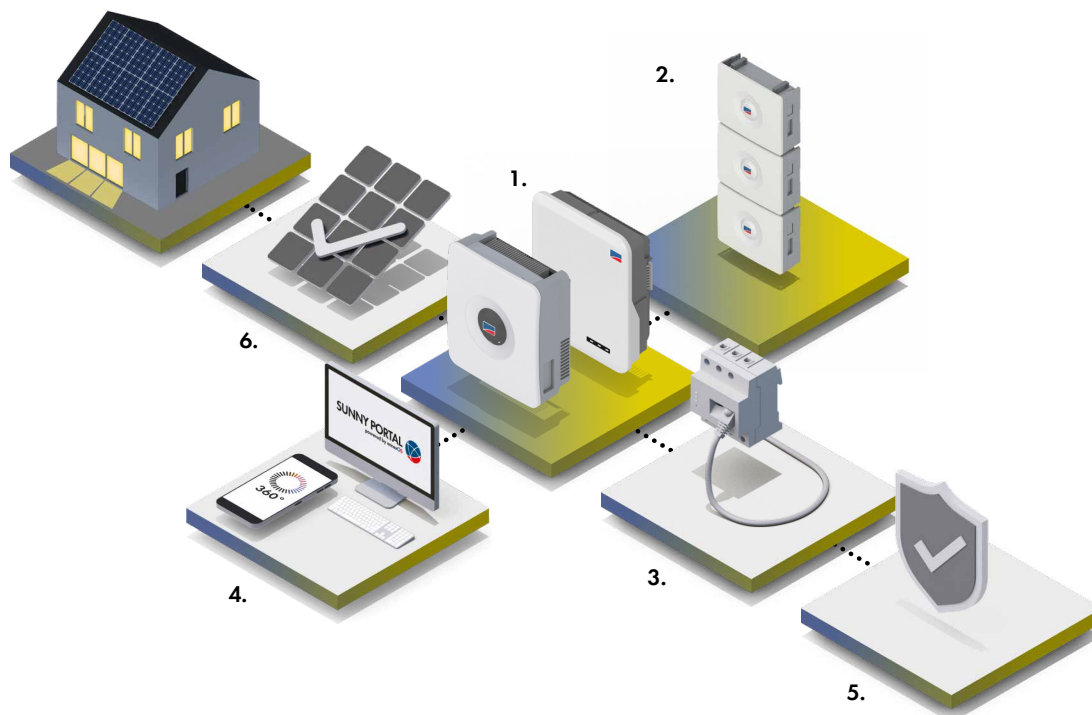
High-quality components developed in Europe, intelligent energy management, flexibility and effective service – all combined into one solution.

The SMA Home Storage Solution is the ideal solution for your customers' current and future energy needs. With this flexible battery system, we give you the possibility to offer customized solutions for almost every home.

Experience how our modular one-stop solution makes your work faster than ever. SMA supports you from planning to

commissioning. As part of the Home Energy Solution, the SMA storage solution can also easily be combined at a later stage with other components such as charging solutions for electric cars or a heat pump.

With SMA, you can thus offer your customers a complete solution from a single source – including a fresh design.



1. SMA hybrid inverter

Our single-phase and three-phase Sunny Boy Smart Energy and Sunny Tripower Smart Energy hybrid inverters constitute the powerful heart for any home.

2. SMA Home Storage

The powerful, long-lasting SMA battery – scalable on a modular basis. It offers maximum flexibility, easy installation and fast setup. Expansions for future energy requirements can be integrated seamlessly.

3. Sunny Home Manager 2.0

Optimize home energy supply with our intelligent and versatile solution. Thanks to integrated AI, solar power is optimally measured and controlled. This allows it to obtain the best results for your customers.

4. Sunny Portal and the SMA 360° app

Complete control over all your systems. Access to key data at any time. Maximize your efficiency with optimal support in the office and on the move.

5. SMA Smart Connected

Premium inverter monitoring with automatic failure detection. Provides proactive support during servicing with analyses and suggestions for rectifying faults.

6. SMA ShadeFix

Maximum PV system yields in any situation – even in the shade – thanks to integrated inverter software.

The 2-in-1 SMA hybrid inverters

A whole new world of speed and performance – in both installation and charging.

Enjoy greater speed with the Sunny Tripower Smart Energy and the Sunny Boy Smart Energy – especially when it comes to charging the battery. 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. With three MPP trackers and low input voltage, you exploit every inch of roof space using the single-phase Sunny Boy Smart Energy. The three-phase Sunny Tripower Smart Energy with two MPP trackers and overdimensioning of 150% on the DC side is versatile. With both hybrid inverters, the energy is available even during grid outages thanks to expandable backup options.¹ Your customers can thus use solar power more efficiently in their homes, save money, and benefit from optimal solar power self-sufficiency.

Benefits for you:

- Very high charging and discharging power
- Maximum energy yield, even in the shade, thanks to SMA ShadeFix
- 10-year (5+5) warranty²
- Integrated SG Ready interface³
- Compatible with SMA Home Storage and high-voltage batteries from leading manufacturers⁴
- German quality – robust design, thoroughly tested



Sunny Tripower Smart Energy

Three-phase hybrid inverter

Power classes: 5.0 / 6.0 / 8.0 / 10.0 kW

Two MPP trackers

PV power can be used with up to 150% overdimensioning

Integrated backup power supply



Sunny Boy Smart Energy

Single-phase hybrid inverter

Power classes: 3.6 / 4.0 / 5.0 / 6.0 kW

Three MPP trackers with low startup voltage (66 V)

PV power can be used with up to 200% overdimensioning

Integrated emergency power supply
Optional backup power supply¹

¹ It is possible to purchase the retrofittable backup power supply at a later stage.

² The product must be registered with the SMA Online Service Center within 12 months.

³ Available with a later firmware update.

⁴ For a list of compatible batteries, please visit sma.de/en.

SMA Home Storage

SMA's adaptable, future-proof storage solution covers your customers' energy requirements – now and in the future.

The new SMA Home Storage takes modularity one step further – or four. Depending on the inverter, you can start off with one or two of our 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. Four mounting options are available during installation to take advantage of any location. With every extra module added,

SMA Home Storage gets an energy boost, allowing it to be scaled as needed. When combined with the Sunny Home Manager, it can even be charged based on forecasts and provide solar power exactly when it is needed. This increases self-consumption of solar power and reduces your customers' energy costs.



Product details at a glance:

Expandable capacity from 3.2 kWh to 16.4 kWh

- Sunny Boy Smart Energy from 3.2 to 13.1 kWh (1–4 modules)
- Sunny Tripower Smart Energy from 6.5 to 16.4 kWh (2–5 modules)

Low weight: 38 kg/module

Long lifetime of 8,000 life cycles

Ready for virtual power plants (VPP) and future use cases

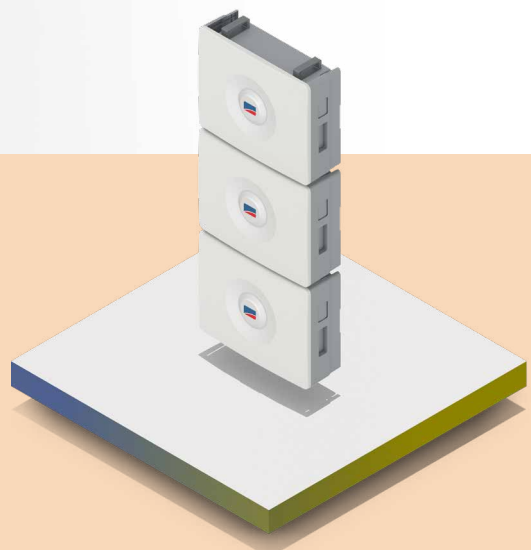
10-year (8+2) warranty¹

Flexible installation on the ground, on the wall or back-to-back

Outdoor installation possible (protection class IP65)

Unmatched flexibility through modular battery design

For maximum planning flexibility, up to five individual modules can be combined freely – whether on the ground, on the wall, stacked or back-to-back. Of course it offers easy installation, fast commissioning and seamless integrability into the SMA system.

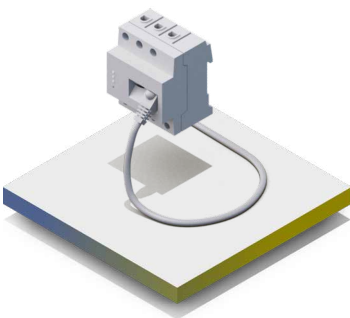




Intelligent energy management

Manage energy easily and intelligently

With the SMA Home Storage Solution you get the most out of solar energy. And you also save time, as the SMA 360° app 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 Home Manager 2.0

Intelligent energy management uses self-learning algorithms and weather/consumption forecasts to optimize load control and energy usage. This means that you can offer your customers lower costs and higher self-consumption of green energy – for more independence.



Sunny Portal powered by ennexOS and SMA 360° app

Planning, installation and maintenance – all in one app. Free up work time by commissioning the inverter and battery with a single scan. Sunny Portal offers comprehensive monitoring and the possibility to remotely adapt parameters of the installed energy systems.



SMA Energy App

The app visualizes and controls energy flows and allows your customers to access their energy system's most important data from anywhere, anytime. And see how much emissions and energy costs are being saved.



Uniform one-stop solution

Ensure the long-term operation of your PV systems and receive all-round support throughout their service life – without needing different contact persons. A single, one-stop solution. Simple.

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

One-stop solution

The right services for the complete solution

Fast installation and particularly easy commissioning

Get more work done in less time. The modular components with their flexible mounting options can be installed in just a few steps, speeding up workflows. Simply scan the QR code for commissioning and you can already connect to the individual

device using the SMA 360° app. Step-by-step instructions guide you through the process. Enjoy optimal configuration for each installation and handle more customer appointments with the simplicity of SMA.

A leading **global specialist**

That's the power of SMA.

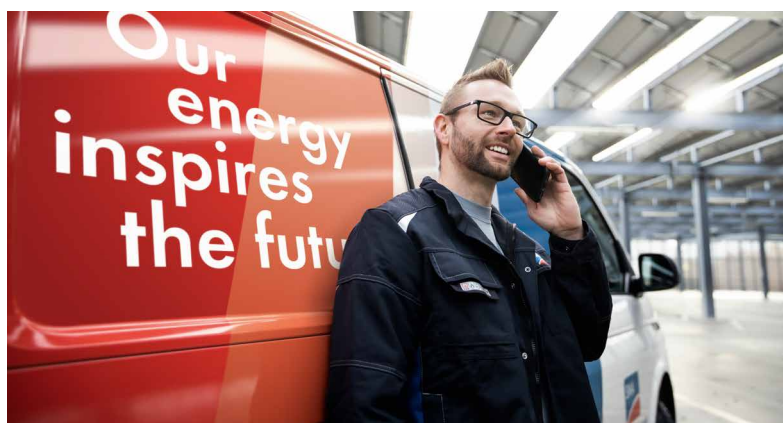
Your reliable partner

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 360° Professional Support

SMA supports you from initial customer contact to commissioning and provides optimal customer service.



SMA Solar Academy

The SMA Solar Academy offers practical technical training worldwide on products, systems, solutions and services, tailored towards different target groups.



Your benefits as an SMA Solar Partner

The SMA Partner Program eases the burden on installers by offering exclusive benefits and allows them to focus completely on their core business. As an SMA solar partner, you benefit from direct support for sales, servicing and marketing.





SMA.de/en

