



I LOVE THE SUN

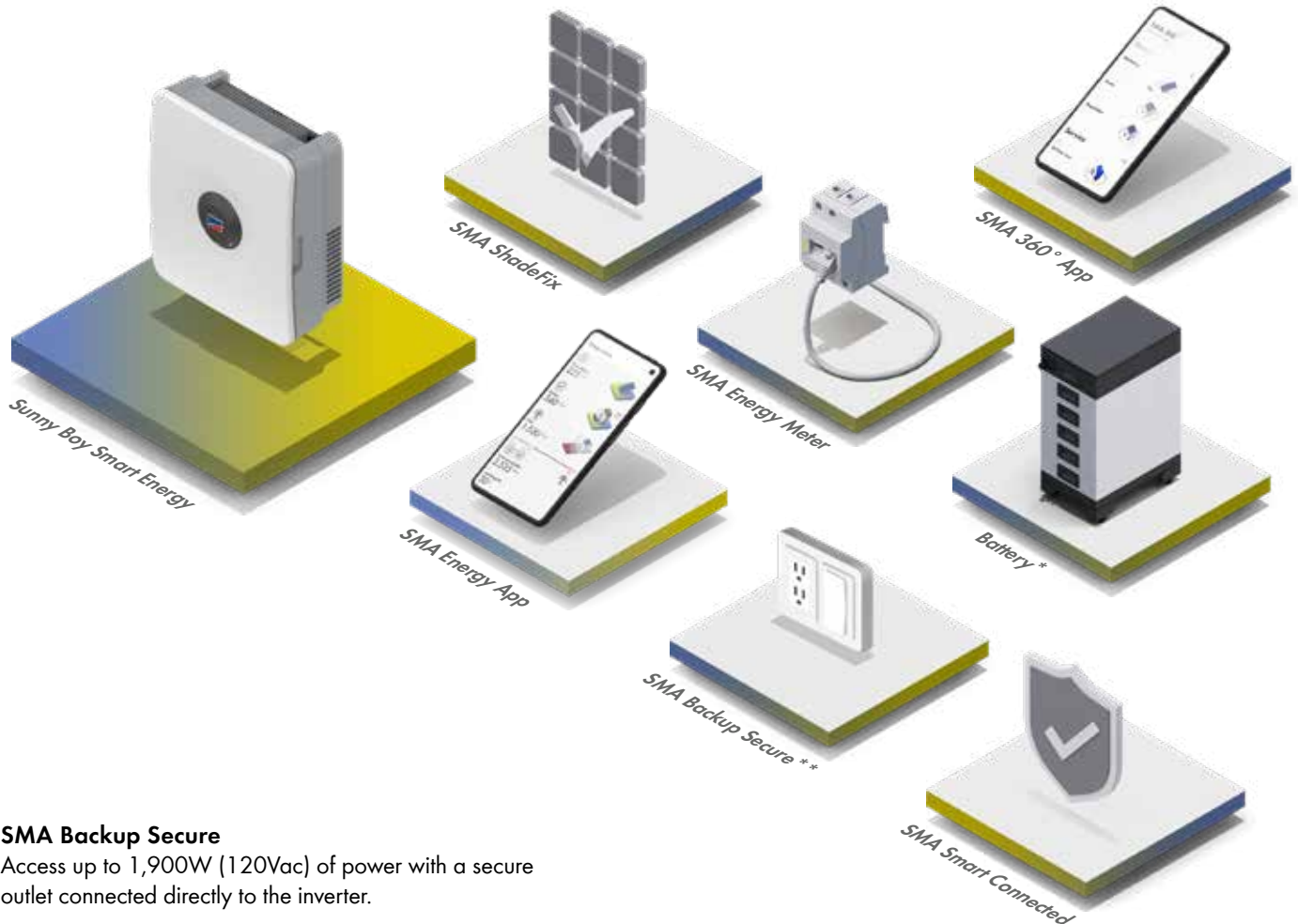


SMA HOME ENERGY SOLUTIONS

The foundation for a more sustainable energy supply.

Empower homeowners to take control of their energy with the new Sunny Boy Smart Energy hybrid inverter, the heart of SMA Home Energy Solutions. The ideal option for solar power generation—easy to install and modularly expandable.

At the heart of SMA Home Energy Solutions is the new Sunny Boy Smart Energy hybrid inverter.



SMA Backup Secure

Access up to 1,900W (120Vac) of power with a secure outlet connected directly to the inverter.

SMA Energy Meter

Monitors all home energy flows empowering owners to learn about energy use and solar production, leveraging the full potential of their home energy.

Battery*

The battery enables intermediate storage of unused solar energy and makes it available on demand when you need it the most.

SMA ShadeFix

A proprietary, integrated inverter capability that optimizes PV system energy production in every situation—even when shading occurs.

SMA Smart Connected

A world-class, premium monitoring service for reliable system performance that is complimentary and included in every SMA product solution.

SMA 360° App

A convenient, easy-to-use app that offers support for installers from initial contact with the customer to commissioning, all from a mobile device.

SMA Energy App

The SMA Energy app gives owners the most important information about their energy system including production and consumption.



A ground-breaking hybrid inverter.

SMA Home Energy Solutions offers the perfect combination of high-quality equipment, rapid install-commissioning and exceptional service. Its modular design makes it easy to get started and allows the system to be upgraded to suit budget and energy requirements at any time with no hassle.

Benefits at a glance



Quick commissioning

- SMA 360° app saves installers time and money
- Scan, tap and connect multiple devices from a smart phone or tablet
- Rapid commissioning via built-in SunSpec Certified Rapid Shutdown transmitter

Easy installation

- Smaller and lighter, eases mounting
- 2-in-1 solution saves time, space and electrical upgrades
- The bracket is back, and the cover opens with one easy bolt

Complete reliability

- No need for complex microinverters or optimizers
- 10-year warranty, extendable to 25
- Energy security with or without a battery
- Backup Secure provides daytime energy to a dedicated power outlet during grid outages

New, modern design

- Fresh aesthetic look, with more functional capabilities
- Curved, easy-open cover



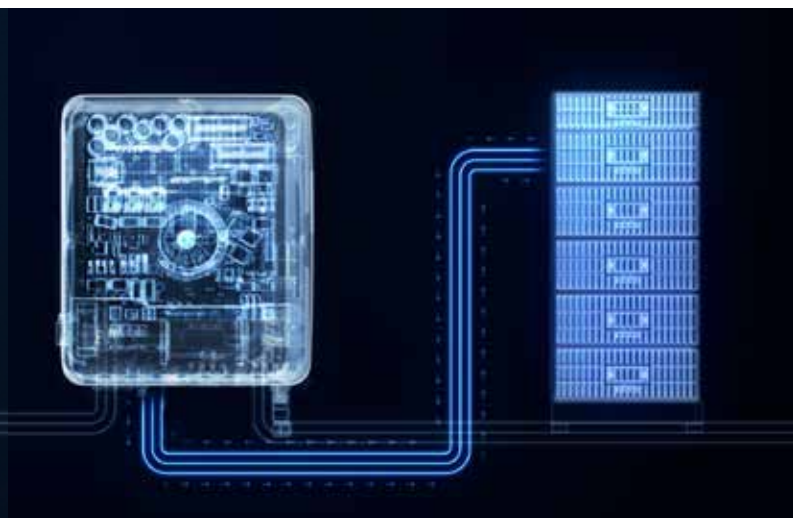
Ultimate flexibility

- 200% DC/AC design capability
- PV, Hybrid and AC coupling in one
- 3 MPPT optimizing channels
- Larger power classes*

Future-conscious

- Able to expand as household grows and energy demand rises
- Storage-ready design, PV now and storage later
- Integrated System Manager
- Smart Grid: Monitoring & Control API
- Ready for future smart home integrations

*Upcoming



The new SMA Energy Meter empowers installers and homeowners to control energy savings by monitoring the home's energy use and flows.



Energy visibility

Homeowners can understand their home's energy use and solar generation while learning how energy is consumed, generated and stored.

An energy system that grows with you

Gives you valuable information on a home's energy usage to aid in future design decisions like adding additional battery capacity.

Plug-and-play

Compact and easy to install with no configuration required for a hassle-free setup with the SMA 360° app.

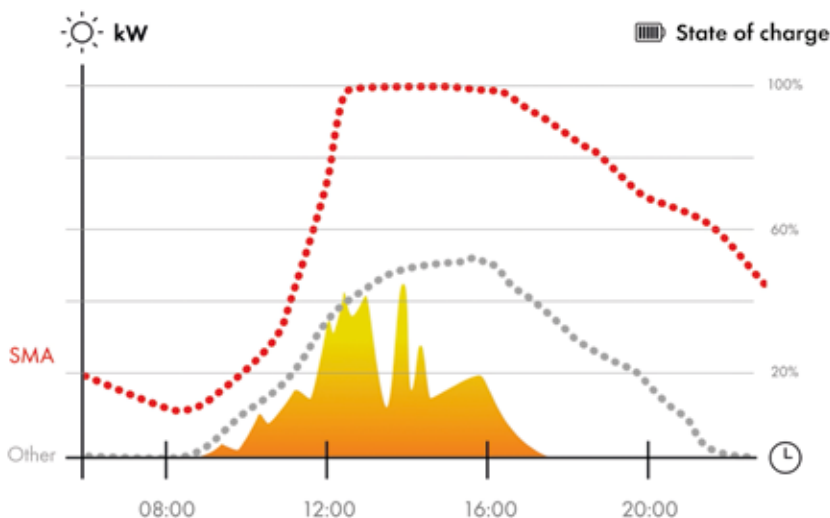
See the big picture

Homeowners can view house electric consumption through the SMA Energy app to easily track energy costs. See how much SMA Home Energy Solutions saves the homeowner and its net positive impact.

A flexible energy supply that gets the most out of any weather condition.

Charging performance can be challenging when seasons change and there is less sunshine in the day but the **Sunny Boy Smart Energy** always shines with its high-speed battery charging capability. SMA's fast charging allows homeowners to bank more solar energy, and use it later for increased savings and backup.

- + High charging/discharging power
- + Fast charging and maximum battery use even when there is little sunshine
- + Maximum utilization of solar energy when utilities increase rates (Time of Use) thanks to an integrated system manager and charge/discharge control



A pioneering spirit and passion. For a sustainable future. In the past, the present and the future.

1981

A garage workshop, three engineers, one vision: to supply people worldwide with electricity from renewable sources.

1987

The first SMA photovoltaic product is complete, and the PV-WR 1500 transistor enters the market.

1993

The Solar Technology division at SMA is established and is focused on system costs to give photovoltaics long-term mass appeal.

2005

As the first online monitoring portal for PV systems, Sunny Portal became the world's biggest online monitoring portal for PV systems.

2000

The first SMA subsidiary begins operations in the United States, with headquarters located in Northern California.

1999

A decentralized, reliable supply of energy for locations far away from main transmission lines is created with the Sunny Island.

2008

SMA Solar Technology is listed in the Prime Standard of the Frankfurt Stock Exchange with shares of the company also listed in the TecDAX.

2013

As the first of its kind, SMA releases the ground-breaking secure power supply bringing a new concept of reliability, and immense value, to the residential solar market.

2018

SMA launches the ennexOS platform for energy management which reduces energy costs by monitoring energy flows and optimizing total energy costs.

2022

Over 20 GW of large-scale solar is installed in North America, adding to the global base of 105 GW.

2020

SMA inverters with a capacity of over 100 gigawatts are installed around the world.

2019

For the first time, over 1 gigawatt of battery inverters has been sold which made SMA the world-leading supplier of battery system technology.

TODAY



SMA breaks ground for a new gigawatt factory in Germany



SMA grows to a team of over 3,600 visionaries and innovators



More than 1,700 patents and utility models granted worldwide



125 GW of installed SMA inverter power in over 190 countries



Nearly 150 years of combined application engineering experience

SMA. We are here for you.



SMA corporate DNA

With our products and solutions, we are paving the way for a climate-friendly, decentralized energy supply of the future. Through environmentally friendly and resource-saving economic activity, the use of renewable energies, transparency, fairness, and an honest business policy, we are taking a stand for sustainability. In our day-to-day working life. Within the company. And far beyond.

SMA's experience

With over 40 years of experience in PV technology and 30 years of experience in storage technology, SMA is a brand you can rely on. Through their work, more than 3,600 SMA experts in 18 countries are now driving the energy transition forward with reliable, high-performance equipment you and your customers can rely on.



SMA 360° App

With our SMA 360° app, we support our installation partners from the initial contact with the customer to commissioning and the best possible customer service.

SMA Solar Academy support

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





www.SMA-America.com



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SMA Home Energy Solutions,
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