**SMA ENERGY SYSTEM** HOME

# Store solar power and use it flexibly.

For over 40 years, we have been making the use of solar energy easier and more efficient. The SMA Energy System Home enables you to generate and use even more sustainable energy. At the heart is the new hybrid inverter from SMA. It enables both immediate use and storage in a single device.

Save energy costs and reduce your monthly bills

New design gives install flexibility and a clean, modern look

Unmatched SMA backup options use more solar energy during grid outages

Peace-of-mind via SMA Smart Connected proactive monitoring

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

The **SMA Energy System Home** is the perfect combination of high-quality equipment, intelligent management, and exceptional service. Its modular design makes it easy for you to get started and allows the system to be upgraded to suit your budget and requirements at any time with no hassle. Take back your energy!

SMA ENERGY
The energy transition in your hand.

Available on the App Store
GET IT ON Google Play

**SMA Energy App**
The Energy App gives owners the most important information about your energy system including production and consumption.

**SMA Energy Meter**
Monitors all home energy flows empowering owners to learn about energy use and solar production, leveraging the full potential of your home energy.

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

*Battery not sold by SMA

# A ground-breaking hybrid inverter.

## Take back your energy.

# Benefits at a glance

## Quick commissioning

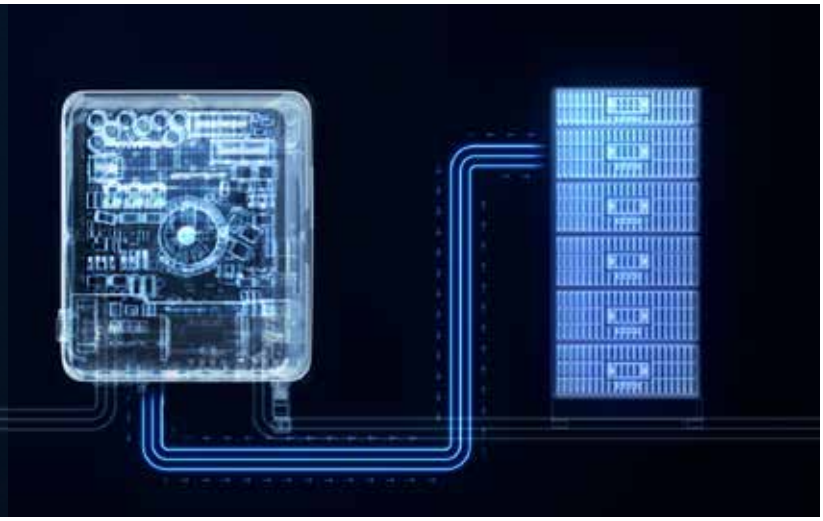
- Intuitive SMA 360° app saves time
- Scan, tap, and connect multiple devices
- Step-by-step guide

## Easy installation

- Reduced footprint and weight eases mounting
- 2-in-1 solution – less equipment on the wall
- Saves time, wall space, and electrical upgrades
- SunSpec Certified Rapid Shutdown transmitter built-in

## Complete reliability

- Reduce headaches and spending on complex microinverters and optimizers
- 10-year warranty, extendable to 25 years*
- SMA's 40 years of reliability and service matter
- Energy security with or without the need for a battery



## Ultimate flexibility

- 3.8kW to 11.4kW models available
- Up to 4 MPPT optimization channels with SMA ShadeFix
- 200% DC/AC design capability
- Hybrid, PV only, and AC coupling in one
- Choice of three backup options in case of grid instability

*For further information, please refer to the SMA warranty conditions: https://www.sma-america.com/service-support/overview.html

# See what energy you use and what you produce. Accurate consumption and production level metering.

It's your home and your energy, so empower yourself with SMA's Energy System which includes the SMA Energy Meter.

**Energy visibility**
Understand your home's energy use and solar generation; learn how your family uses, generates, stores, and saves energy.

**An energy system that grows with you**
Gives installers valuable information on a home's energy usage to aid in future design decisions like adding additional battery capacity.

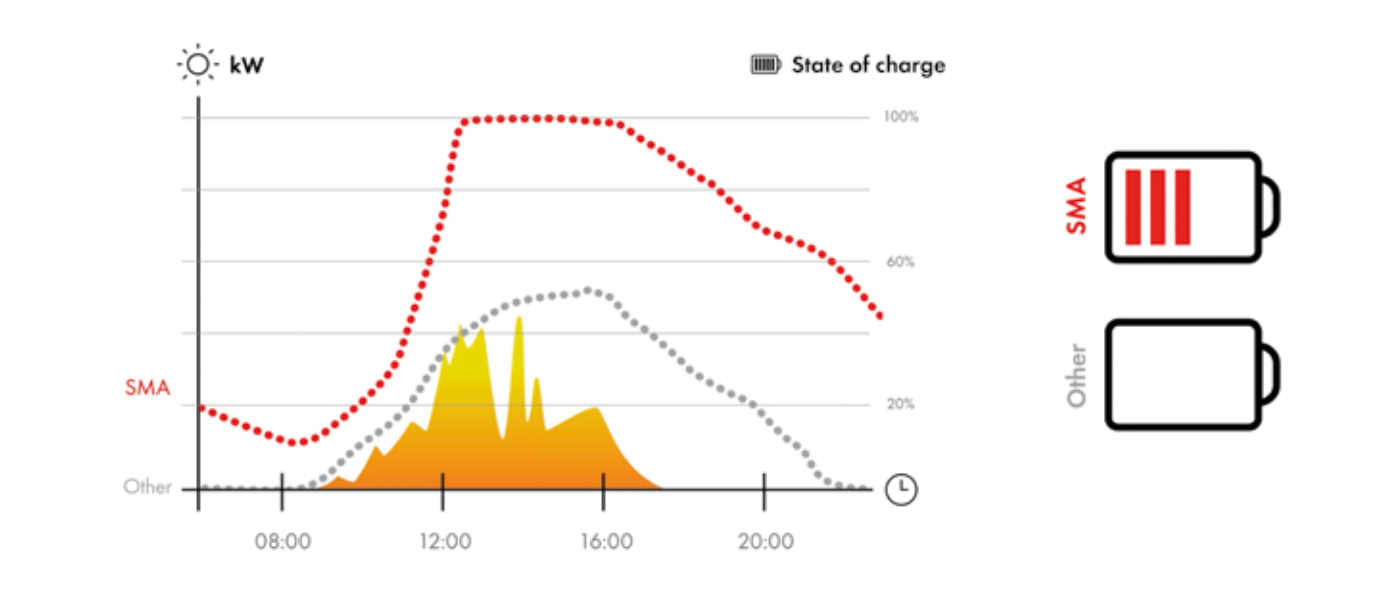
**Plug-and-play**
Compact and easy to install with no configuration required for a hassle-free setup.

**See the big picture**
Monitor household consumption via the SMA Energy App to easily track energy costs. See how much your SMA Energy System Home is saving you and the net positive impact you are making.

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

The **Sunny Boy Smart Energy** shines with its high-speed battery charging capability. During transitional months, charging performance can be challenging when there are few hours of sunshine and plenty of cloud cover. Fast charging allows you to use more solar power in your home later and saves you money.

- 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



# Reliable electricity supply during grid failures

**Even greater electricity reliability is delivered by offering you the choice of three backup options.**

## 1 SMA BACKUPSECURE

**Secured power supply**

Access up to 1,900 W of power with a secure outlet connected directly to your inverter.

## 2 SMA BACKUPSELECT

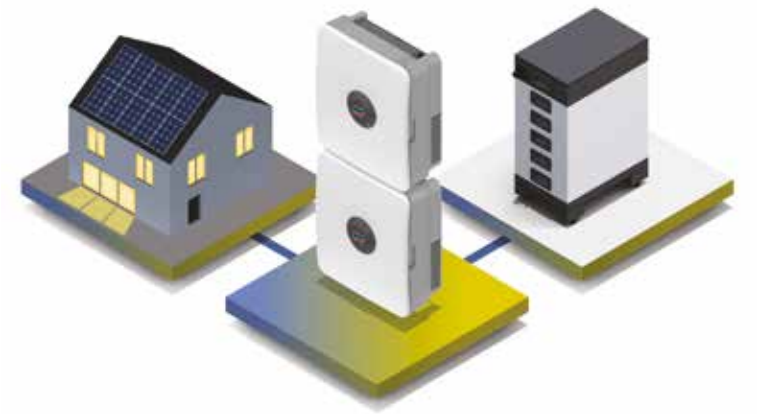
**Selected power supply**

Get up to 3,800 W of power, with or without a battery, automatically sent to select loads in your home when the grid goes down.

## 3 SMA BACKUPHOME

**Reliable power supply**

When paired with a battery, store and access the full power of your PV system to power your home in the event of grid failure.



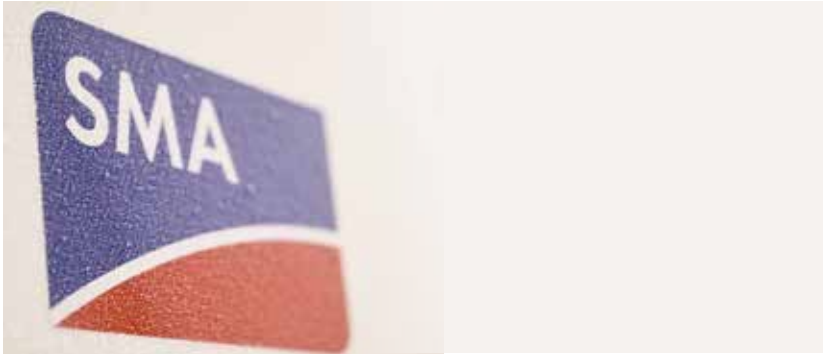
# SMA. We are here for you.

## 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 3,000 SMA experts in 18 countries are now driving the energy transition forward.



## 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 PowerUP Partner program

The SMA PowerUP program offers a wealth of comprehensive training courses and webinars. You can use your expertise to score points with your customers by selling and installing high-quality products from a strong, reliable brand.

## 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.

SMA ENERGY THAT CHANGES

**www.SMA-America.com**

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