sonnenBatterie – It's time to declare your independence!

A clean, reliable and affordable energy supply for all is finally here.

"Our goal is a world in which everyone is able to cover their energy needs with decentralised and intelligent clean energy systems that generate and store energy locally. We also create energy communities where everyone can connect to share energy where and when it's needed. Ultimately this will emancipate our world from the dependence on fossil fuels and anonymous energy corporations and provide us with greater control over our energy future."

Christoph Ostermann, CEO sonnen GmbH, Germany

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High quality components perfectly tuned to your needs.

The sonnenBatterie is a complete system – ready for connection. This means that inside of every sonnenBatterie you'll find not only the extremely durable battery modules but also an inverter, an intelligent energy manager, measurement technology and the software to operate it all smoothly. All in one handy box.

In contrast to most other battery systems in the market the sonnenBatterie components are built into a single high-quality casing and perfectly attuned to each other – thereby ensuring maximum longevity and the highest quality with a small footprint.

Create your own energy mix.

The sonnenBatterie isn't limited to storing energy generated by a PV system. A micro-cogeneration plant generates energy and heat. Just connect it to the sonnenBatterie to store its energy when the sun isn't shining. Since you are generating heat too you'll be even more independent.

A sonnenBatterie can be combined with wind generators, heat pumps and fuel cells. So regardless of the energy concept you decide on for your home, the sonnenBatterie can be part of it.

The right size energy storage for any need – any time.

Every household has its own energy requirements. That's why the sonnenBatterie was developed as a multi-stage storage system that can be adapted to most energy needs. With storage sizes ranging from 2 kWh to 16 kWh the sonnenBatterie will power a detached house or a multi-family house. The capacity of the sonnenBatterie can be expanded in blocks of 2 kWh.

Should you require more power – for example for running a small business – multiple sonnenBatterie can be set up as a cascading cluster. Thereby increasing the capacity and power of the sonnenBatterie up to a maximum of 48 kWh. More than enough to satisfy the energy needs of your business.

The sonnenBatterie eco delivers savings and peace of mind day and night.

Use solar energy at night.

sonnenBatterie eco lets you enjoy the benefits of solar energy production 24-hours a day! Our integrated smart electronics manage energy use throughout the day, detecting when there's excess power and storing it for use at night.

Harvest cheaper energy to use later.

sonnenBatterie eco allows you to engage in 'rate arbitrage' – storing energy when it is cheap and running your home off the battery when rates go up. The sonnenBatterie eco is the right choice for every home and every budget.

Never worry about the lights going out.

Electricity blackouts are quite rare in Australia and will only last a couple of minutes, or hours at the most. Even so these outages are always unpredictable and can cause problems.

With the emergency power supply sonnenBatterie **protect** you are safe. It will reliably supply your household with stored energy during these power failures. Order sonnenBatterie **protect** as an option when buying your sonnenBatterie or upgrade to it later. The sonnenBatterie **protect** (for the sonnenBatterie eco 8) is expected to be available in the 2nd quarter 2017.

Gain energy autonomy.

A sonnenBatterie eco integrated with solar panels allows your home to produce and store 100% of the energy it uses – depending on climate and sun exposure – enabling your home to be energy self-sufficient.

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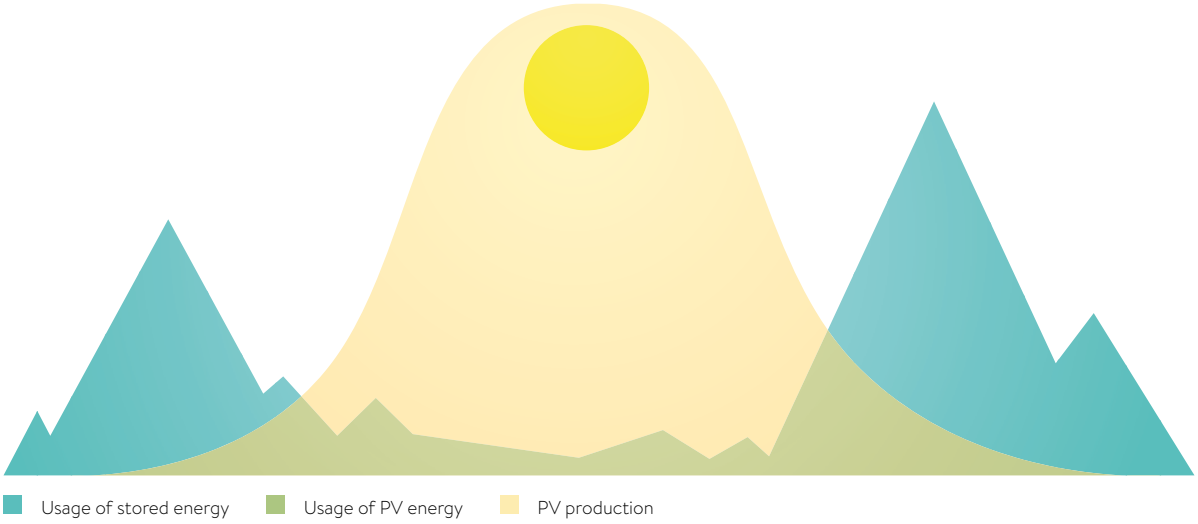
How the sonnenBatterie grants you independence.

The sonnenBatterie will store the surplus energy generated by your PV system in times when you don't have any need for it. The stored energy from the daytime is then at your disposal in the evening and during the night.

But the sonnenBatterie is much more than just a battery, it's an intelligent storage system that automatically adjusts the energy use so that most of your self-generated solar energy stays in your household.



Morning: minimal energy production, high energy needs.

At sunrise the solar panels start to produce energy, though not enough to cover the morning energy needs. The sonnenBatterie will bridge the gap with the stored energy from the previous day.

Midday: highest energy production, low energy needs.

In the daytime the solar panels' energy generation is at its peak. But since nobody is home the energy consumption is very low so that most of the generated energy is stored in the sonnenBatterie.

Evening: low energy production, high energy needs.

The highest daily energy consumption is in the evening when the solar panels produce little or no energy. The sonnenBatterie will cover the energy needs with with the energy produced in the daytime.

Tech specs

The sonnenBatterie eco is an energy storage solution that utilises intelligent energy management software. It is easily adaptable to your individual needs. The system is available in a variety of storage capacities and configurations, allowing greater flexibility and expansion. The sonnenBatterie eco allows you to save money every single day by harvesting energy from your solar PV system.

Dimensions (H/W/D in cm)

Base cabinet: 70/64/22
Dimensions 4 – 10 kWh: 137/64/22
Dimensions 4 – 16 kWh: 184/64/22

Storage size

2 kWh – 16 kWh
(expandable in steps
of 2 kWh)

Operating mode

single phase or
three phase

Lifespan

10,000 charge cycles

Warranty*

10 years

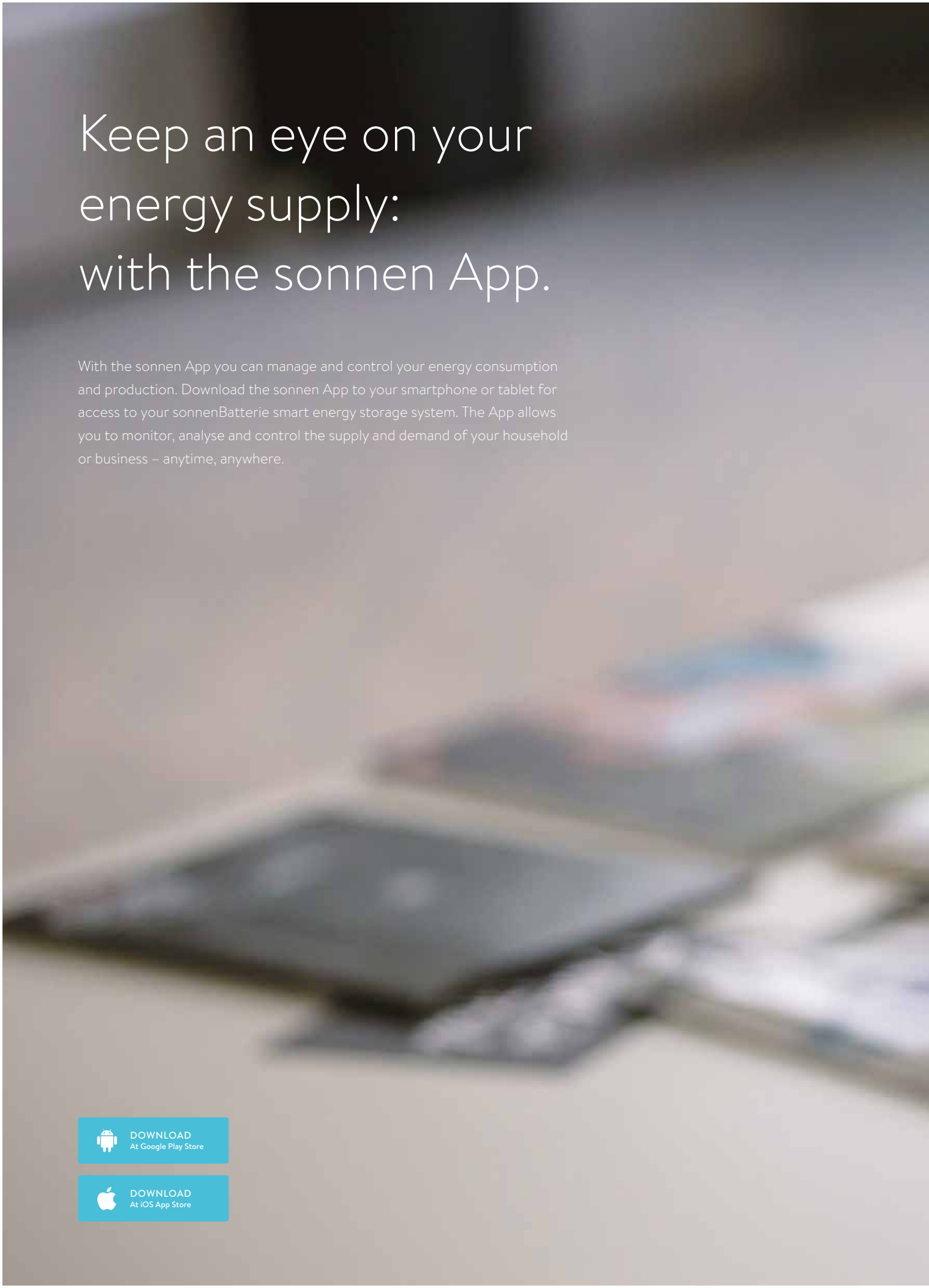
Complete storage system

Everything included, ready to connect

System intelligence

With the use of predictive charging you maximize your PV output.

*Please observe our applicable warranty conditions

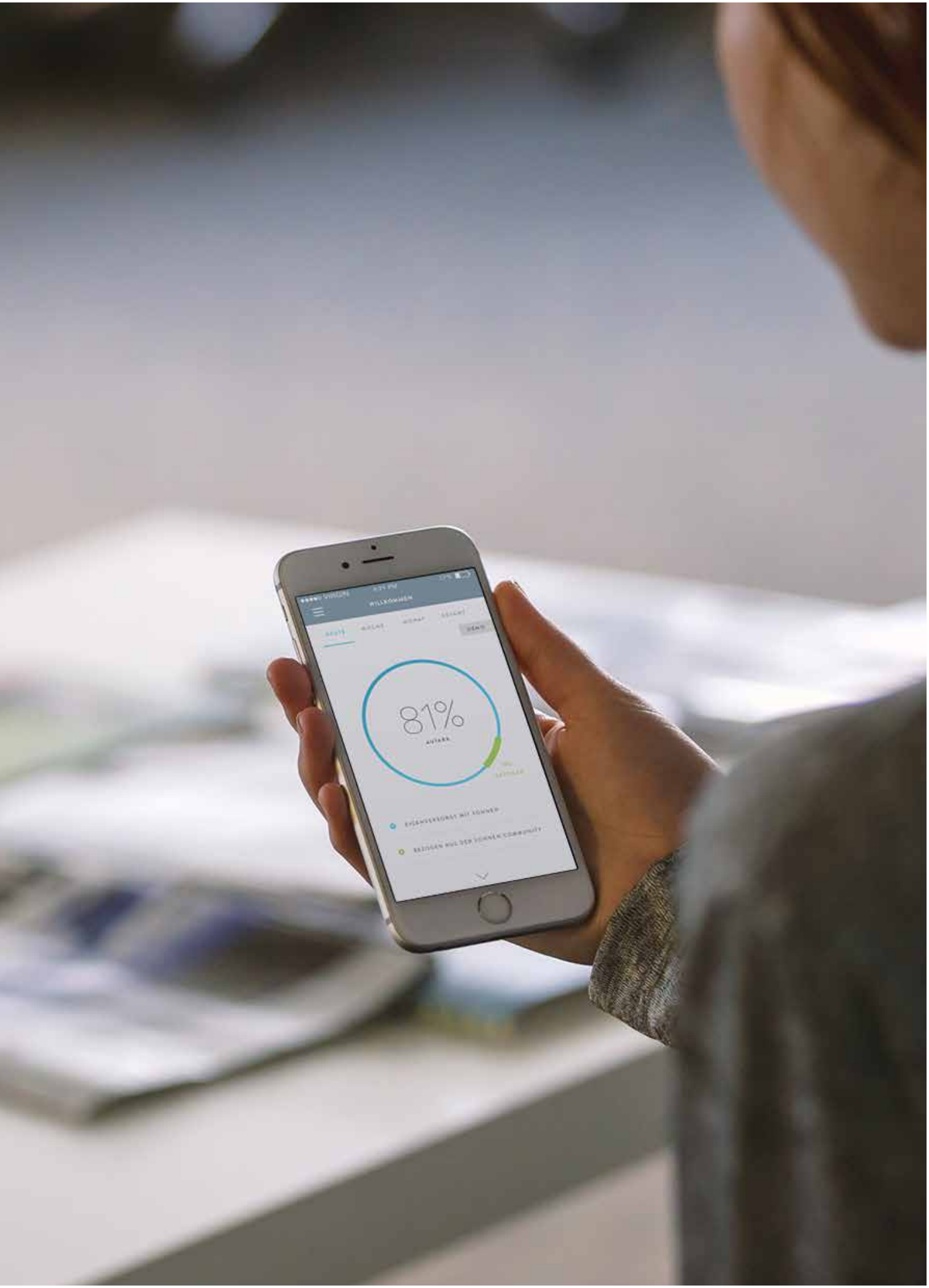


Keep an eye on your energy supply: with the sonnen App.

With the sonnen App you can manage and control your energy consumption and production. Download the sonnen App to your smartphone or tablet for access to your sonnenBatterie smart energy storage system. The App allows you to monitor, analyse and control the supply and demand of your household or business – anytime, anywhere.

DOWNLOAD
At Google Play Store

DOWNLOAD
At iOS App Store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Quality 'Made in Germany'.

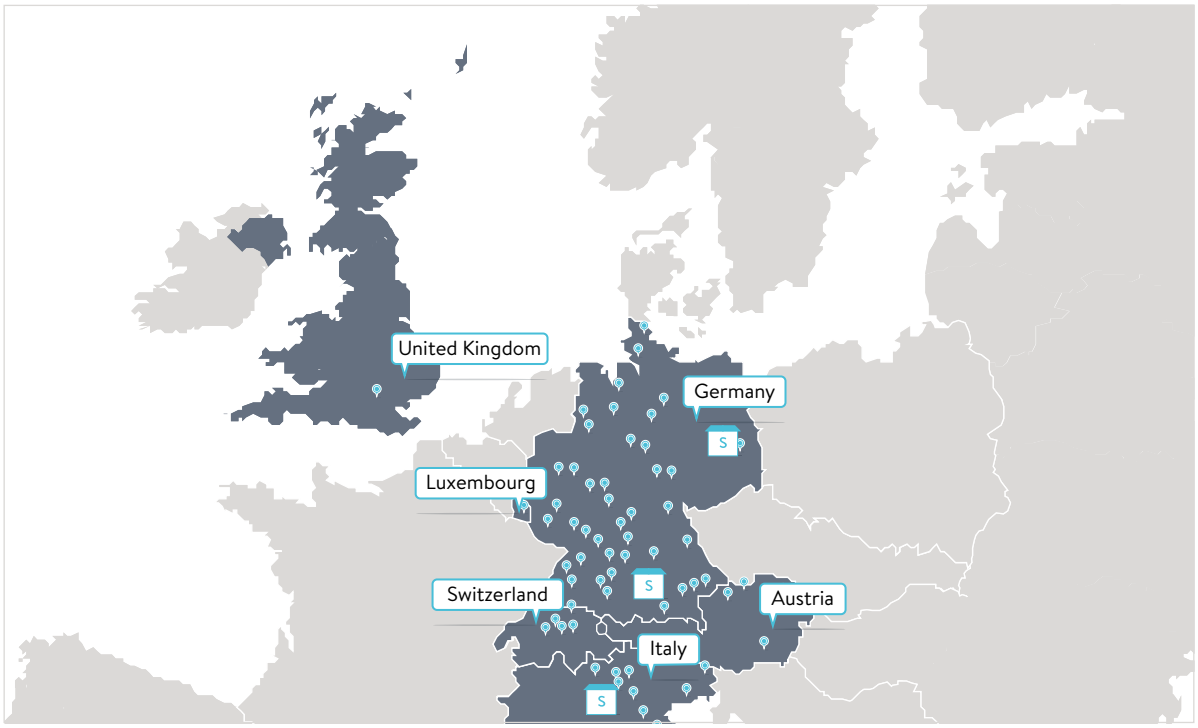
Engineered in the energy village Wildpoldsried, the sonnenBatterie is one of the world's most popular lithium based energy storage systems. Many thousands of households are using the sonnenBatterie today to safely store their self-produced energy. As a product 'Made in Germany', the sonnenBatterie fulfils the highest demands of safety and quality thus protecting your investment in the long run.

Signets.

Awards.

For everyone everywhere.

To enable easy access to renewable energy for everyone on this world: that is the goal of sonnen.
We are present in many countries in Europe, the United States and in Australia. With the sonnenBatterie you will join a global and rapidly growing community of people that share a common vision: independence from corporate energy providers and control of your own energy future.



sonnen in Europe

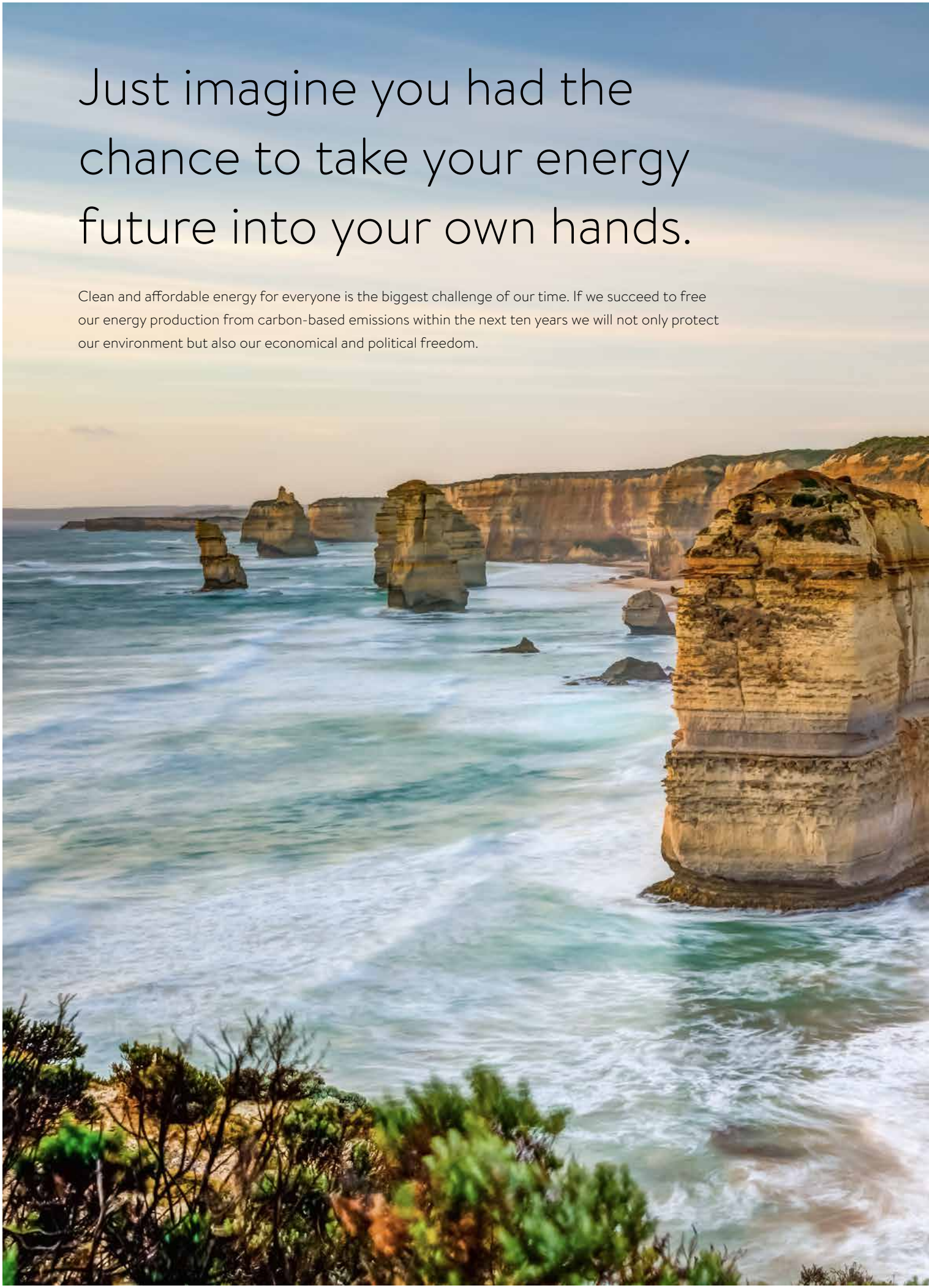
sonnen in Australia

sonnenBatterie Center

S Office sonnen

Just imagine you had the chance to take your energy future into your own hands.

Clean and affordable energy for everyone is the biggest challenge of our time. If we succeed to free our energy production from carbon-based emissions within the next ten years we will not only protect our environment but also our economical and political freedom.



Find out how to declare your energy independence today!

We are standing by to
answer all your questions.

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www.sonnen.com.au

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