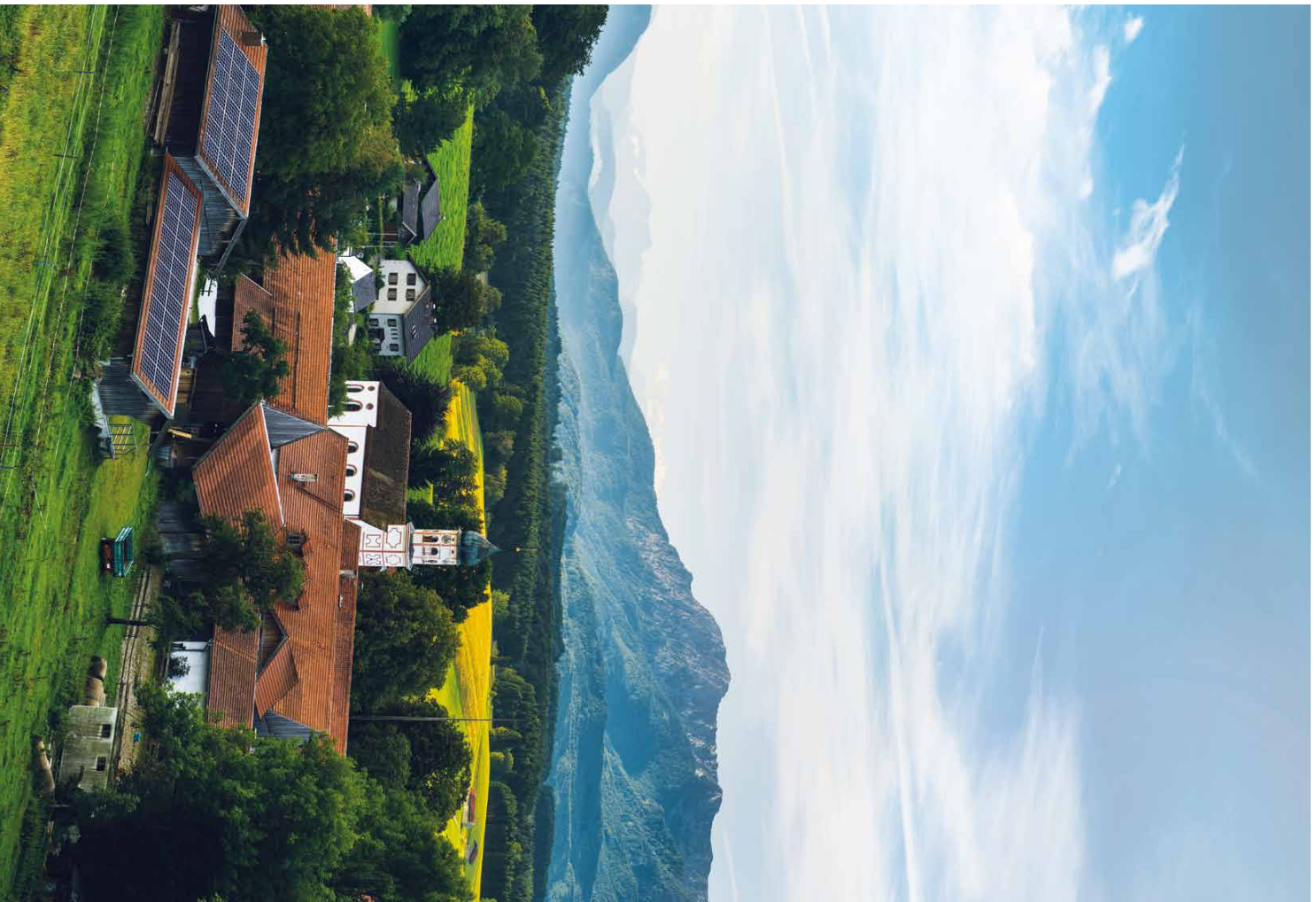




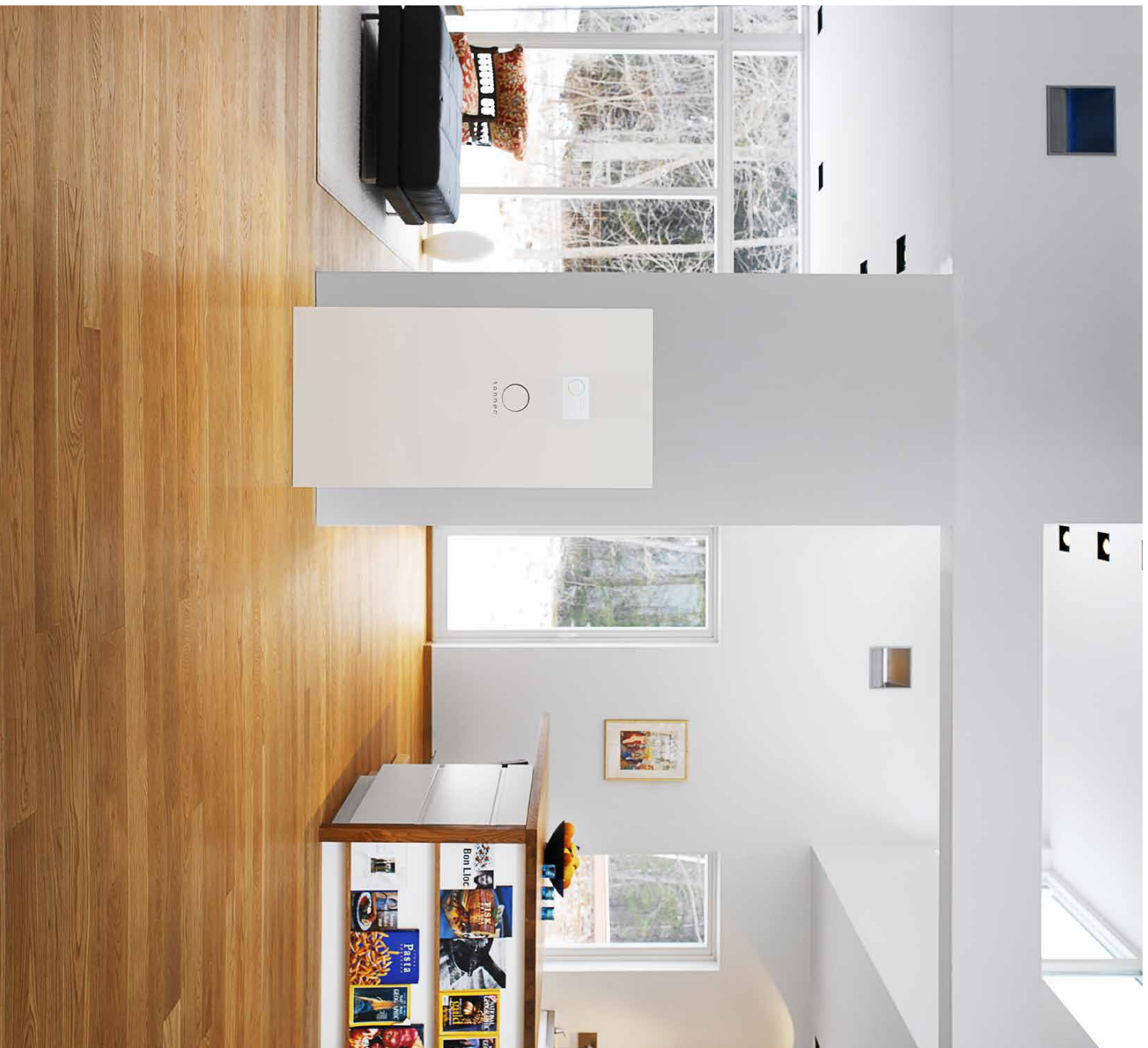
# sonnenBatterie – It's time to declare your independence!

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 decentralized 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 sommen GmbH, Germany



## All included: high-end components perfectly tuned to your needs.

The somnibatterie is a complete system - ready for connection. This means that inside of every somnibatterie 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 somnibatterie components are built into a single high-quality casing and perfectly attuned to each other - thereby ensuring maximum longevity and the highest quality in a minimum of space.

# The **sonnen**Batterie eco delivers savings and peace of mind day and night.

Use Solar Energy at Night

Harvest Cheaper Energy to Use Later

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.

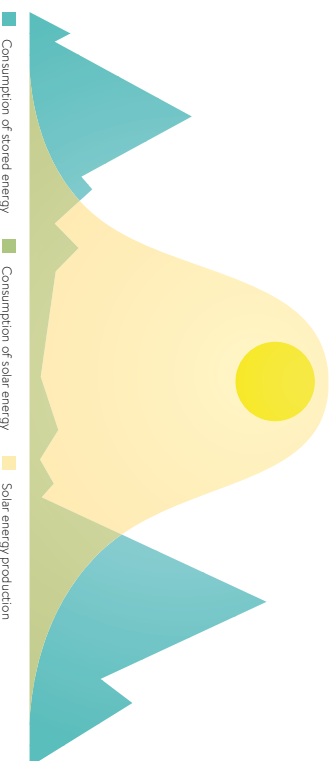
sonnenBatterie eco allows you to engage in "rate arbitrage" – storing energy when it is cheap and running your home off the battery when rates go up. The sonnenBatterie eco is the right choice for every home and every budget.

Never Worry About the Lights Going Out

Gain Energy Autonomy

sonnenBatterie eco is specifically designed to provide you and your family peace of mind in the event of a power outage. Our unique power detection system will sense outages in real-time and automatically switch over to battery power!

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.



## Tech Specs

The sonnenBatterie eco is an energy storage solution that utilizes 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 for extensibility and expansion. sonnenBatterie eco allows you to save money every single day by harvesting energy from your solar PV system or the grid when it is cheapest, and using the stored energy from the battery to power your home when rates are more expensive.

### Power Unit

Continuous output (AC) 3,000 W – 8,000 W  
Usable capacity: 4 kWh - 16 kWh (in 2 kWh steps)  
Dimensions (in) W/H/D 4 - 8 kWh: 26/51/14  
Dimensions (in) W/H/D 10 - 16 kWh: 26/71/14  
Backup power capability

### General

Maximum efficiency of inverter: 93 %  
Ambient temperatures: 41 – 95° F  
Enclosure Rating: NEMA 12  
AC Specifications 240 VAC / split phase / 60 Hz

### Lifespan / Warranty\*

Guaranteed lifetime of 10,000 cycles or 10 years.

### Certifications

UL 1741, UL 69201-1, UL 1973 (battery pack), and FCC part 15 Class B compliant

\*Please observe our applicable warranty conditions

# The **sonnen**Batterie pro Pays for itself with savings

## Proven Reliability

sonnenBatterie products seamlessly integrate with solar and with several thousands units in operation throughout Europe, it is the most field-proven smart energy storage product on the market.

## Built-In Intelligence

Peak shaving software is built-in to the sonnenBatterie pro, adjusting to your usage and rate tariff using self-learning software for optimal results in any facility without changing the way you do business.

## Greater Control

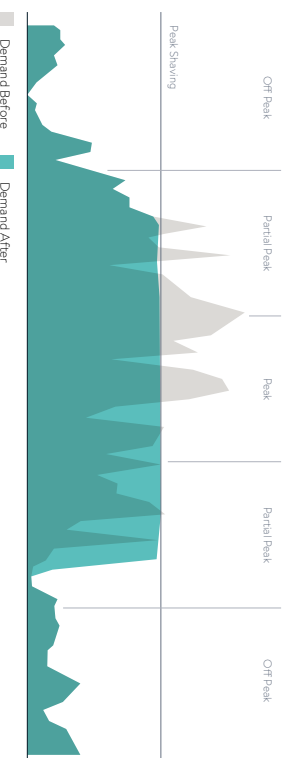
sonnenBatterie pro enables you to participate in utility demand response programs and control your usage during seasonal peak pricing periods. Using stored energy allows you to manage when and how to use your energy to reduce your costs and your environmental impact.

## Flexible Software

Our built-in API and utility communication protocols allow for additional applications and implementation of ancillary services (including demand response, frequency regulation, etc.), which help third party providers and utilities achieve their energy management goals.

## Reduce Demand Charges

In many regions of the US, the sonnenBatterie pro reduces the high cost of demand charges before you peak by supplying additional power from the battery throughout the day.



## Tech Specs

Since its market introduction in 2011, sonnenBatterie has been the German and European market leader and pioneer in fully integrated lithium-ion energy storage systems. The sonnenBatterie pro is the new standard for reliable peak shaving for hotels, restaurants and office buildings of any size. Use it for demand response programs through our integrated API. Our modular design makes it easy to size the system for any facility.

### Power Unit

Output: peak 30 kW (repeatable to 90 kW)  
Weight: 370 lbs (approx.)  
Dimensions (in) W/H/D: 28/55/25

### Battery Unit

Usable capacity (100 %): DoD: 24 kWh (repeatable to 240 kWh)  
LiFePO<sub>4</sub> battery  
Weight: 340 lbs (approx.)  
Dimensions (in) W/H/D: 20/55/25

### General

Maximum efficiency of inverter: 96 %  
Ambient temperatures: 41 – 95 ° F  
Enclosure Rating: NEMA 12  
AC Specifications: 480 VAC / 3phase / 60 Hz

### Lifespan / Warranty\*

Guaranteed lifetime of 10,000 cycles or 10 years.

### Common Sizes (kW / kWh)

18/24, 30/48, 30/72, 60/72, 60/120, 90/120, 90/240

### Certifications

UL1741, UL 69201-1, UL 1973 (battery pack), and FCC Part 15 Class B compliant

\*Please observe our applicable warranty conditions

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

With the sonnenApp you can manage and control your energy usage 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, analyze and control the supply and demand of your household or business - anytime, anywhere.



DOWNLOAD  
At Google Play Store

DOWNLOAD  
At iOS App Store

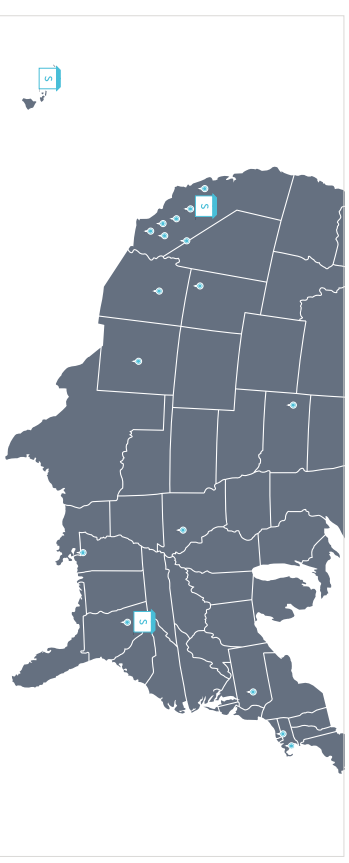
# Engineered in Germany – Made in the U.S.A.

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

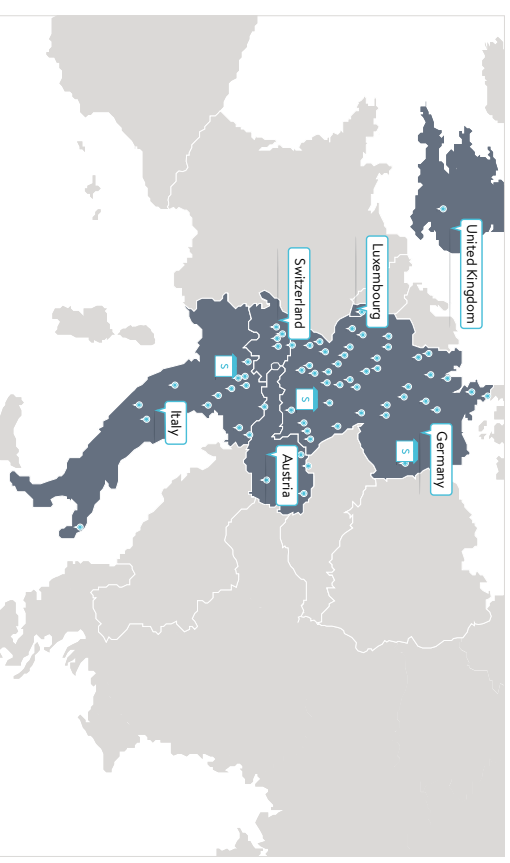


# For everyone everywhere.

To enable easy access to renewable energy for everyone on this world, that is the goal of somnen. We are present in the United States, in many countries in Europe, and in Australia. With the somnenBatterie 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.



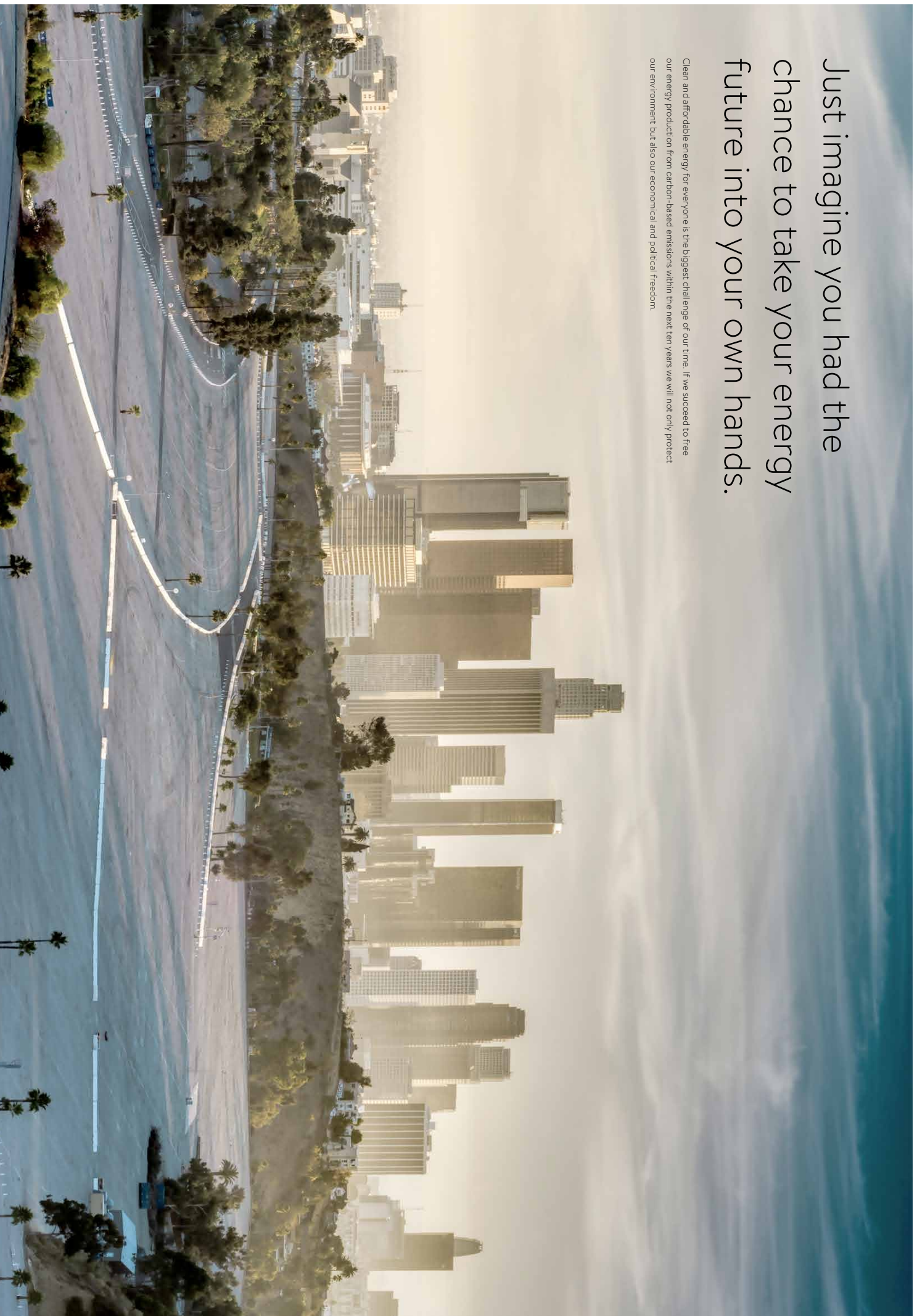
sommen in the United States



sommen in Europe

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.



# Learn how to declare your energy independence today!

We are standing by to  
answer all your questions.

[info@sonnen-batterie.com](mailto:info@sonnen-batterie.com)

[www.sonnen-batterie.com](http://www.sonnen-batterie.com)

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