

GET IN TOUCH

The sonnenBatterie pro - a declaration of independence for your business

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.





sonnenBatterie eco



sonnenBatterie pro



Events

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 sonnenBatterie pro

Power Unit

Output: peak 30 kW (repeatable to 90 kW)

Weight: 370 lbs (approx.)

Dimensions (in) W/H/D: 28/55/25

General

Maximum efficiency of inverter: 96 %

Ambient temperatures: 41 – 95° F

Enclosure Rating: NEMA 12

AC Specifications: 480 VAC / 3phase / 60 Hz

Listed and recognized components

Certified to UL 1741 (inverter), UL 1973 (batteries), and FCC part 15 Class B compliant

Battery Unit

Usable capacity (100 %) DoD:

24 kWh (repeatable to 240 kWh)

LiFePO4 battery

Weight: 940 lbs (approx)

Dimensions (in) W/H/D: 20/55/25

Lifespan / Warranty*

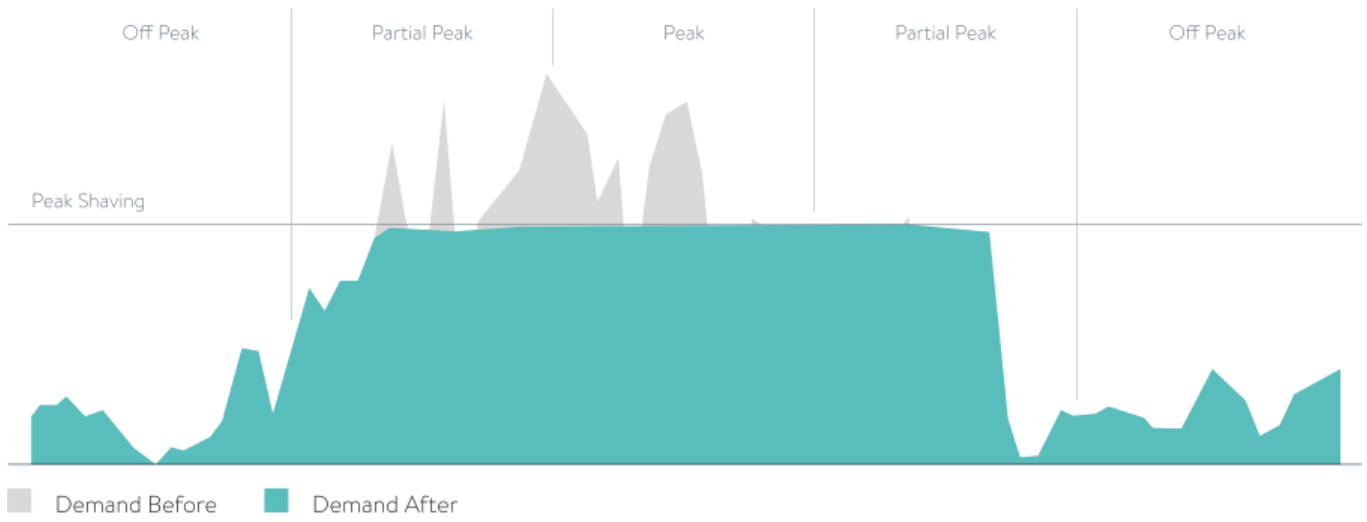
Guaranteed lifetime of 10,000 cycles or 10 years.

*Please observe our applicable warranty conditions

Common Sizes (kW / kWh)

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

How the sonnenBatterie pro saves
your business energy through the day



GET IN TOUCH



One of the safest lithium ion technologies available

Proven durability and reliability

Designed for extremely high performance in continuous use

Sony Fortelion™ batteries

CELL CHEMISTRY

The battery – durable, robust and safe

The sonnenBatterie residential and commercial storage systems only use lithium-iron phosphate (LiFePO₄) battery technology, one of the most reliable, safe and long-lasting lithium battery technologies currently available. LiFePO₄ is one of the most popular technologies for stationary storage systems due to its uniquely high chemical stability and resulting extremely high application reliability, durability and long life. Our battery systems are guaranteed to last for 10,000 cycles or 10 years. All sonnenBatterie components and systems are also UL Listed ensuring safety and performance for your home or business.

All included: high-end 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 build 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.

Events

25.04.2016 to 27.04.2016

ESA 26th Annual Conference & Expo

Charlotte

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