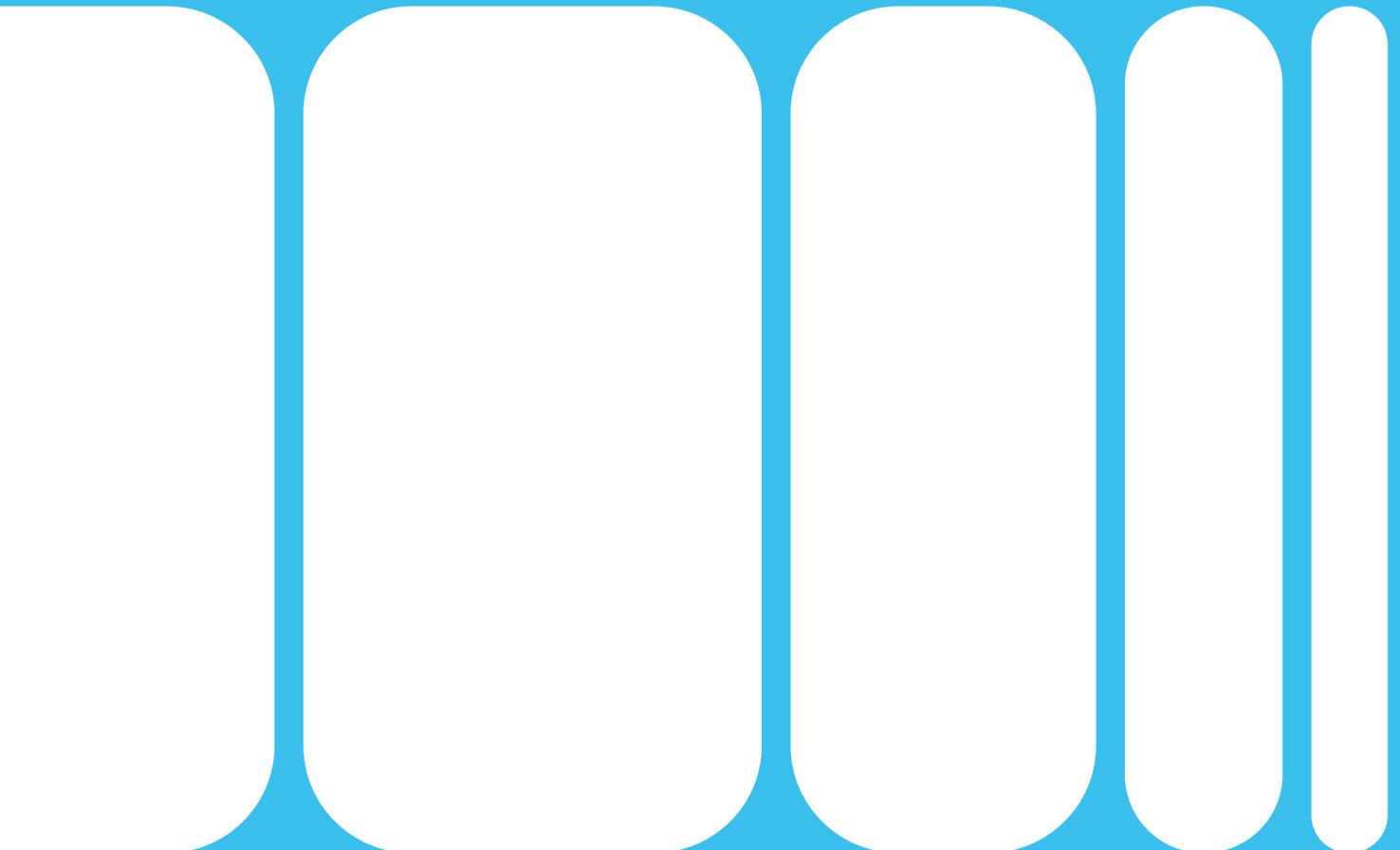


IT'S YOUR ENERGY JOURNEY

Storage solutions
for commercial and
industrial applications





Flexible Energy Journeys are the key

Since 2011, we have been developing electricity storage systems and energy management systems with a clear goal in mind: a 100% energy transition. Solving the energy question is one of the central tasks of our generation — and we have all the technologies needed to implement it. Sun, wind, storage, and intelligent energy management form the backbone of a sustainable energy system.

Every energy journey begins with a decision: to make your own energy supply **economical and future-proof**, and to take advantage of the opportunities offered by sustainable, green, and affordable technologies. **Intelligent large-scale storage systems** play a central role in this. **They reduce electricity costs, avoid expensive grid expansion, and generate their own revenues on the electricity market** — today and in the future.

Whether you are a **commercial enterprise, energy-intensive industry, logistics center, solar park operator, or charging infrastructure operator**, our industrial storage systems enable you to turn energy into a real competitive advantage.

The requirements for energy systems change over time. New production facilities, charging infrastructure for electric cars or trucks, shared use of existing grid infrastructure, and regulatory frameworks — FENECON energy storage systems adapt to all of these changes.

- Long-lasting, high-quality batteries from the premium automotive sector
- Flexible rental and purchase models
- Established interfaces with marketing service providers
- Intelligent FENECON energy management system

Always use the solution that is most economical and efficient for you. Because every energy journey is unique.

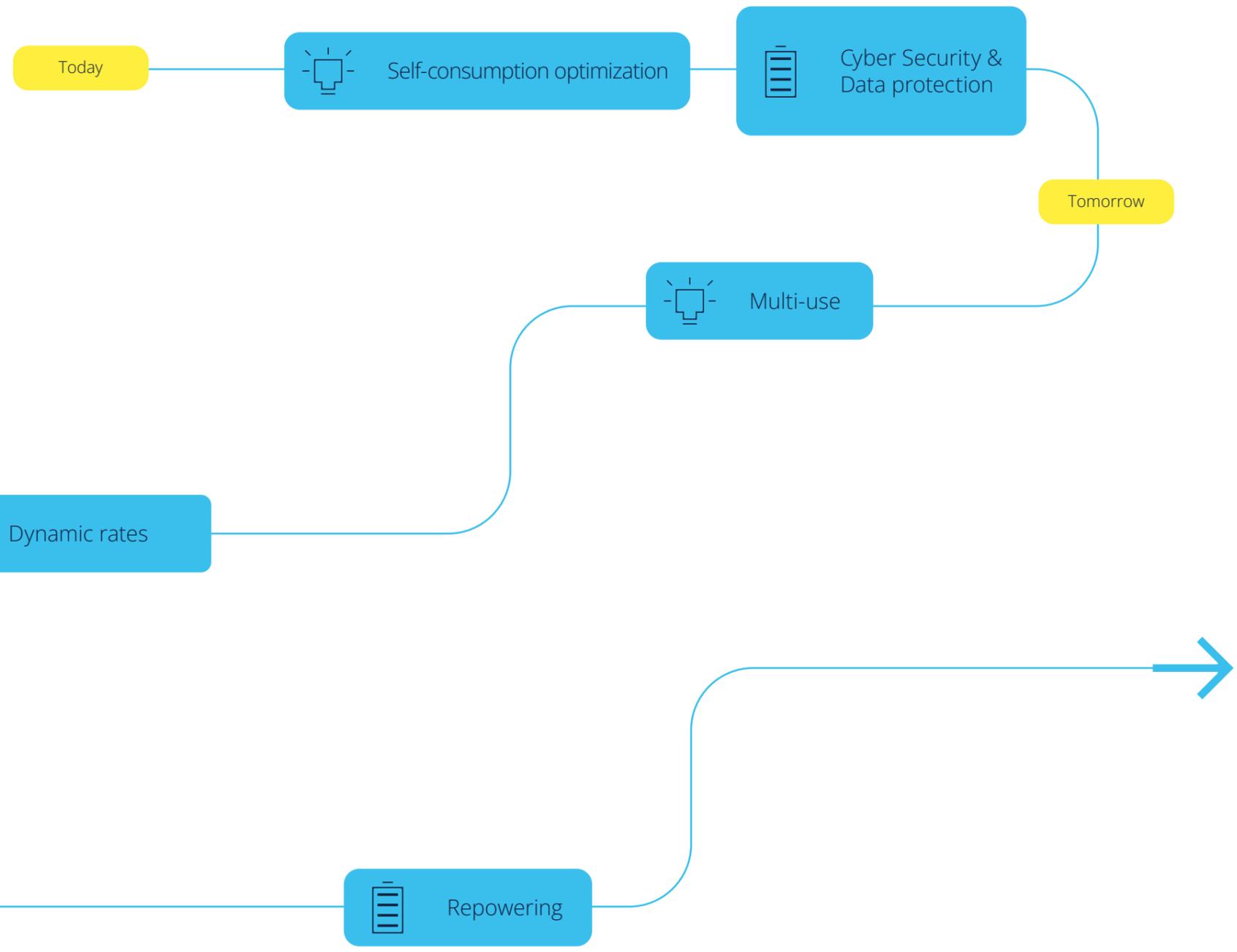
Let's shape the future of energy together:

„IT'S YOUR ENERGY JOURNEY!“

The solution to the energy question is

LOCATION ADVANTAGE

START YOUR ENERGY JOURNEY



Power storage solutions 	Flexible procurement 	Marketing 	Energy management 	Electric mobility 
<ul style="list-style-type: none"> Made in Germany Project solution Automotive Premium-Quality Self consumption optimization Optional FEMS-applications 	<ul style="list-style-type: none"> Rent (FERESTO) Hire purchase Co-Investment (FERESTO) 	<ul style="list-style-type: none"> Co-Location Stand-Alone 	<ul style="list-style-type: none"> Avoidance of grid expansion Dynamic tariffs and grid fees Avoidance of system curtailment (PV systems, grid connection points) Peak shaving 	<ul style="list-style-type: none"> Depot store Procurement optimization Load and time shifting Gridbooster



Holistic battery storage solutions

Project support, maintenance, and service — for a future-proof energy supply

With FENECON, you get a comprehensive project solution for your battery storage project.

From planning support to commissioning, you will always have a personal contact person at your side to advise you — including foundation, delivery, and installation of the right system. With the help of our profitability analyses and independent expert opinions, we also ensure the bankability of your project and support you with documentation and analyses.

Sustainability that works

We use new automotive batteries from available premium quotas. This means the highest quality and safety, including liquid-based thermal management, BMS, and standards from e-mobility. This allows us to avoid wasting resources and reduce CO₂ emissions. Thanks to our intelligent and modular platform architecture, your system is future-proof in the long term: components such as batteries can be easily replaced even after years of use or in the event of a drop in performance. Together with our premium partners, we take back old components and return them to the circular economy.

Individual planning & consulting

We analyze your requirements and work with you to develop the best solution for your needs.

Complete implementation

From design and installation to commissioning — everything from a single source thanks to FENECON and our premium partners.

Partner network

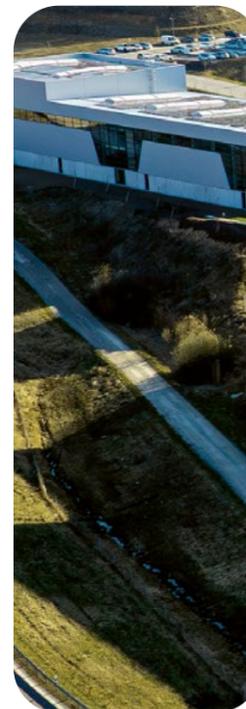
Trained specialist partners for rapid implementation of our maintenance and service offerings on site in Germany, Austria, and Switzerland.

In-house service for maximum performance

FENECON's comprehensive service network, including 24/7 availability, training, and maintenance, ensures that your system runs optimally at all times. If your needs change over time, repowering — i.e., replacing old batteries with new ones — can be carried out without any problems. Thanks to its modular design and "Made in Germany" standards, you get a powerful, future-proof power storage system that will benefit you in the long term.



The team behind your project





Flexible procurement

Purchase, rent, or co-investment — suitable for every need

Our energy storage systems are as flexible as your energy journey is unique. Whether you want to buy, rent, or hire purchase, we will work with you to find the best solution for your current situation.

For companies that need to be able to act quickly — for example, due to a lack of grid connection capacity, delays in the delivery of a transformer, seasonal operations, or a lack of bank financing — energy storage rental through our wholly owned subsidiary FERESTO is a particularly attractive option

The purchase is possible at any time and is particularly suitable if you are planning for the long term and want to take direct ownership of the storage system.

With hire purchase, you can first try out how the system works in your business and then purchase it outright later on, or even switch to a larger or smaller model if necessary.

For companies wishing to explore further business models, we recommend our co-investment option: together with FERESTO, you invest in battery storage systems for marketing on the electricity exchange or the provision of grid services.

Customers benefit directly from the expertise of the manufacturer FENECON, while FERESTO takes care of most of the project planning and operational management — significantly reducing the business risk. You can get started right away by providing a location and a grid connection.

With these flexible procurement models, we ensure that every company can find a suitable and economically viable electricity storage concept.

FERESTO rental storage units as grid boosters for Mer charging stations

“With the storage system, we can now operate both charging stations that we have installed here at full capacity. We have 150 kW of connected load per charging station and, with the addition of the storage system, we can now operate both at full capacity.”

Benjamin Machalik (Project Management, Mer Austria GmbH)



The project as a reference video





Successfully selling power storage

Arbitrage trading, network services, and flexible location options

Marketing power storage systems via arbitrage trading or grid services opens up significant revenue opportunities, but also places high demands on technical implementation and market knowledge. FENECON does not market itself, but instead uses an open interface to enable the integration of

established marketers who use their own trading algorithms. Based on our experience with numerous providers and projects already implemented, we support you from the economic feasibility study to the appropriate financing solution.



There are essentially three models to consider for the location of your storage system: Stand-alone and co-location as gray or green electricity storage

In the stand-alone version, the storage facility is connected directly to the grid — without any other consumers or generation facilities — which allows for virtually unrestricted marketing. However, current and future regulatory requirements imposed by grid operators can complicate and delay the project implementation process.

A simpler and faster way is often the co-location model, in which storage and, for example, a PV or wind power plant share the same grid connection point. Since generation plants often cannot consistently deliver their full output due to weather conditions, the storage can be optimally marketed during these unused periods.

In addition, grid operators are already prepared to accept the maximum output of the generation plant around the clock, which means that additional capacity can be used for storage via the same grid connection point. Despite slight restrictions in storage operation, you benefit from considerable cost advantages, more efficient utilization, and a comparatively uncomplicated grid connection permit.

Green energy storage systems are an innovative solution for integrating battery storage into your generation facilities in a targeted and economical manner — without grid expansion or construction subsidies.

With a green electricity storage system, you can connect your own renewable energy generation directly to a marketable battery storage system for time-delayed feed-in of solar or wind power. This means that every kilowatt-hour moved in the storage system can be transparently used as green electricity.

Green electricity storage systems achieve high economic efficiency even without additional grid connection if the marketer exploits the opportunities on the energy market. The possibility of further development at a later date, including grid connection, can further increase yields at suitable locations.

From selecting the right marketers and financing models to successfully implementing your project, FENECON provides expert support in both cases so that you can integrate your storage system into the electricity market in the most economical and technically optimal way.



Learn more in our webinar "Green energy storage as a shortcut to storage marketing."



Smart energy storage for your business

Greater resilience, lower energy costs, and additional revenue potential for agriculture, public institutions, commerce, and industry

An electricity storage system can implement applications such as optimizing self-consumption, integrating dynamic electricity tariffs or time-variable grid fees, reducing grid fees through peak load capping, avoiding grid expansion as a buffer storage, and also preventing plant curtailment, so that you can use your self-generated energy as unrestrictedly as possible.

The interaction of these applications is intelligently controlled by the FENECON Energy Management System (FEMS) or a higher-level energy management system, which can seamlessly access our storage systems thanks to an open interface. In this way, multiple use cases can be implemented simultaneously — in the sense of a multi-use approach — to meet various operational requirements.

Small and medium-sized enterprises (SMEs) in particular can thus increase their resilience to rising energy costs, arm themselves against energy crises, and thereby strengthen their own location in the long term. FENECON offers individual consulting services for this purpose: We analyze your needs and, together with our partners, develop a tailor-made concept that

is both economically and technically convincing. It is already clear today that in the near future, electricity storage systems will also participate in electricity marketing during periods of low load — such as at night — in order to tap into additional revenue potential and further reduce your energy costs.



Always included: FENECON Energy Management System (FEMS)

Included

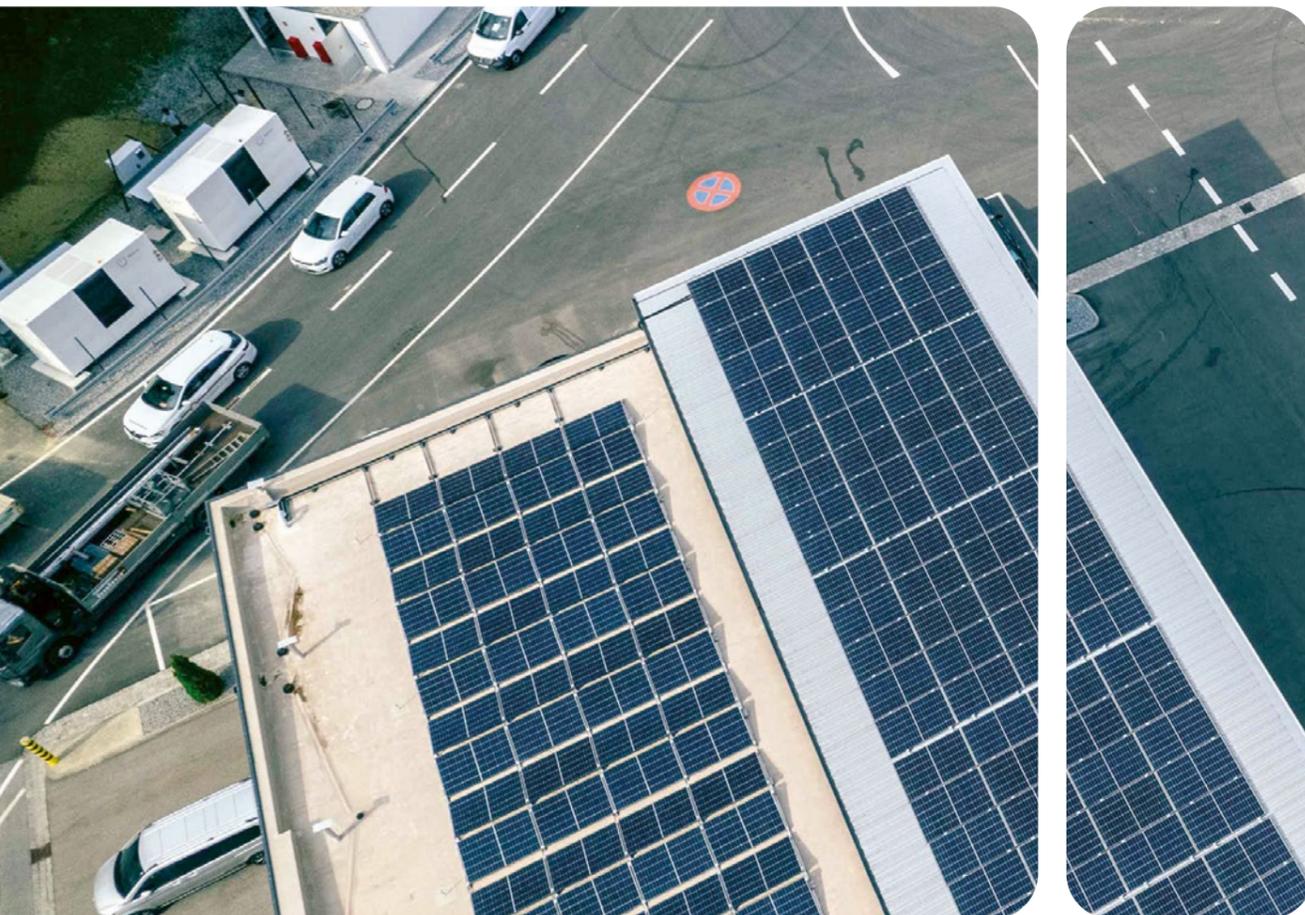
Our award-winning Open-EMS energy management system FEMS is the heart of your energy system. Online monitoring allows you to keep an eye on your energy at all times. Your data is always protected thanks to cyber security by design, German servers, and a development team in Germany. Naturally, this is in accordance with German data protection and IT security standards.

Growing with you

Thanks to FEMS, your storage system remains open for whatever comes next. Optional FEMS apps, e.g., for dynamic electricity tariffs, peak shaving, charging infrastructure, and much more, allow you to expand your energy system with new devices, ideas, and possibilities at any time. Thanks to a manufacturer-independent open-source approach, including a highly flexible standard interface for marketers and EMS operators, this is no problem at all.

Thoughtful

FEMS ensures that your energy doesn't just run — it follows your needs. Intelligent, forward-looking, and free — with updates free of charge.



More information about FEMS



Test it yourself with demo access



Efficient electric mobility

Discharge transformer load, reduce electricity costs, and generate additional revenue

Fields of application and uses

- Public charging park
- Company charging park
- Depot charging in logistics

Electric mobility often involves high, short-term peak loads, which require a correspondingly large transformer and extensive grid infrastructure. In addition to higher grid fees, this also entails a considerable construction cost subsidy (one-time fee per kW).

A power storage system from FENECON can cushion these peaks and relieve the transformer, allowing it to be smaller, reducing grid fees, and minimizing running costs.

In addition, the storage system can be used for electricity marketing during charging breaks — for example, at night — to generate additional revenue. At the same time, charging parks can optimize procurement through time and load shifting for electricity generated by rooftop PV systems, ensuring that it is used according to demand. Dynamic load management also ensures that charging is throttled when power is limited or is particularly intensive when electricity prices are low.

These advantages apply to both public and company charging parks as well as to depot charging in logistics, where large roof areas can be optimally used for PV systems. The electricity storage system can shift the consumption of solar power generated during the day to the night, for example to charge electric trucks or other fleet vehicles. This avoids expensive grid expansion and significantly increases the economic efficiency of the electric mobility concept.

NEFTON research project: Charging with up to one megawatt

The cost-effectiveness and sustainability of battery-powered trucks can be significantly increased through megawatt charging with the new MegaWatt Charging System Standard (MCS). At FENECON, we are proud to be part of this project!



More about the NEFTON project





Industrial S

The compact industrial battery energy storage system



- Self-consumption optimization
- Peak-Shaving: avoiding high power prices and grid expansion
- PV-optimized integration of electric vehicle charging stations, heat-pumps and heating element
- Including 3-phase sensor for the grid connection point
- Ready for your energy journey: Customizable with FEMS apps
- Plug & play installation on the low-voltage grid
- All in one system with compact high-voltage battery, integrated thermal management, efficient battery inverter, intelligent FEMS energy management and support from a single source
- Low space requirement
- Forklift and crane compatibility for easy handling
- For outdoor operation, e.g. at the EV charging parks
- One-box design: vandal-proof
- Cybersecurity by Design

92-184
Power in kW

82-164
Nominal capacity in kWh

Industrial M

The modular industrial battery energy storage system



- High power and energy density
- Peak-Shaving: avoiding high power prices and grid expansion
- Modular, decentralized concept for high reliability and availability
- Ready for your energy journey: Customizable with FEMS apps
- Plug & Play installation on the low-voltage grid
- All in one system with compact high-voltage battery, integrated thermal management, efficient battery inverter, intelligent FEMS energy management and support from a single source
- Optional fire detection system
- Forklift and crane compatibility for easy handling
- For outdoor operation, e.g. at the EV charging parks
- One-box design: vandal-proof
- Cybersecurity by Design

276-704
Power in kW

492-656
Nominal capacity in kWh

Industrial L

The sustainable industrial battery energy storage system



- Self-consumption optimization
- Peak-Shaving: avoiding high power prices and grid expansion
- Participation in the energy market: interface to various trading service providers
- Fail-safe thanks to decentralized string inverter concept
- Ready for your energy journey: Customizable with FEMS apps
- Quick installation thanks to pre-wired and fully equipped delivery
- All in one system with compact high-voltage battery, integrated thermal management, efficient battery inverter, intelligent FEMS energy management and support from a single source
- Available with optional fire alarm system
- Delivery of a fully equipped system or on-site assembly
- Easily accessible electronics
- For outdoor use, e.g. at the EV charging park or solar park
- Forklift and crane compatibility for easy handling
- Cybersecurity by Design

736
Power in kW

1,288
Nominal capacity in kWh

>95%
Overall efficiency in actual operation*

Industrial XL

The powerful industrial battery energy storage system



- Self-consumption optimization
- Participation in the energy market: interface to various trading service providers
- Multi-Market Trading: Prepared for state-of-the-art applications
- Fail-safe thanks to decentralized string inverter concept
- Ready for your energy journey: Customizable with FEMS apps
- All in one system with compact high-voltage battery, integrated thermal management, efficient battery inverter, intelligent FEMS energy management and support from a single source
- High-quality automotive batteries
- Includes fire alarm system and optional fire suppression system
- Optimal use at co-location sites, e.g., at PV and wind farms or industrial sites
- Cybersecurity by design

1,500
Power in kW

4,072
Nominal capacity in kWh

>95%
Overall efficiency in actual operation*

* For further information, please refer to our warranty conditions and applicable documents at www.fenecon.com



Your applications

Tailored solutions to suit your needs

	Industrial S	Industrial M	Industrial L	Industrial XL	
INDUSTRY & TRADE	Peak-Shaving	✓	✓	✓	✓
	Self consumption and dynamic electricity tariffs	✓	✓	✓	✓
	Multi-Use	✓	✓	✓	✓
MARKETING	Traditional marketing under 1 MW	✓	✓	✓	
	Marketing (PRL + Trading) over 1 MW			✓	✓
E-MOBILITY	Small charging parks	✓	✓		
	Large charging parks		✓	✓	✓
	Office buildings and small businesses (Gridbooster)	✓	✓		



About

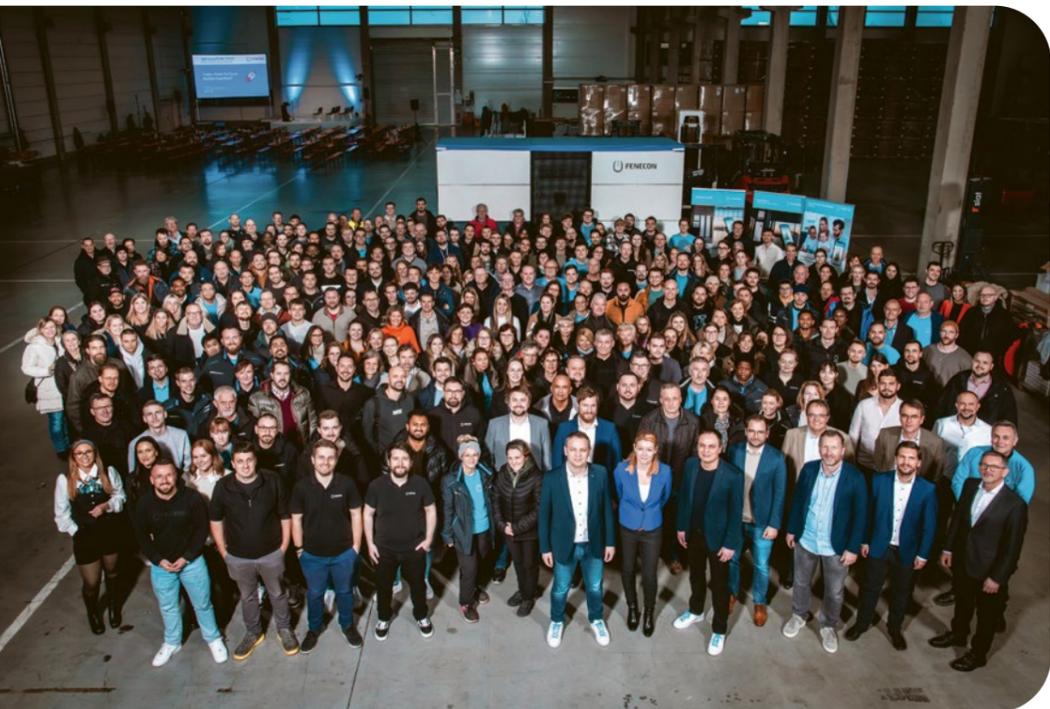
the company

FENECON is the leading hardware and software specialist for energy storage solutions in the residential, commercial, and industrial sectors. All storage models feature the proprietary FEMS energy management system, with which FENECON has significantly influenced OpenEMS, the world's most successful open-source energy management system. The numerous FEMS applications in the product portfolio enable energy management that supports the grid and the energy transition, as well as intelligent sector coupling.

FENECON was founded by Franz-Josef Feilmeier and is a Bavarian family business with a high level of innovative strength. The team consists of experts in

the integration of electricity storage, e-mobility, and photovoltaics into a sustainable energy environment. It is highly regarded for its technical expertise, flexibility, speed, and reliability.

The expert in electricity storage and energy management is committed to a future with 100% renewable energies. The company is headquartered in Iggenbach, with additional locations nearby in Deggendorf and Albersdorf (Vilshofen a. d. Donau) as well as in Greenville, South Carolina, in the US, where it also forms the interface between the remaining electric vehicle battery and the large-scale storage system.



>375
employees

>40,000
systems delivered

2
managed by 2 brothers

3
Business Units

140
million euros of revenue in 2024

2011
year of foundation

1 business location in the US

3 business locations in Germany

>20
countries supplied

Our vision

The 100 % Energy Transition

The future of energy is decentralized, renewable and intelligently managed — and it starts today! With FENECON systems, the FEMS energy management, and FEMS Apps we build the foundation for a flexible, independent and sustainable energy system.

Each Energy Journey is unique. Whether you are aiming to optimize your PV self-consumption, couple the sectors of mobility and heat, or integrate your system with the energy market — FENECON allows you to stay in control of your energy. No subscriptions, the freedom to choose manufacturers, and always ready for tomorrow's requirements.

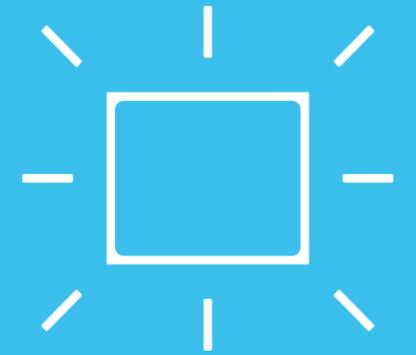
Let's master the energy transition together — Efficient, economical and future-proof.

IT'S YOUR ENERGY JOURNEY!

Every journey begins with a first step.
Start your Energy Journey with us now!



To our Country-Partners'
contacts



OUR
VISION
FOR THE
FUTURE

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