

At a glance ...

FENECON

Product advantages

Founded in 2011, **FENECON GmbH** is a leading provider of energy storage systems of all sizes. The management-owned company from Deggendorf in Lower Bavaria (Germany) is committed to developing solutions for a future with 100 % renewable energies and takes pride in putting this vision as a mission statement above all its actions.

In particular, the market for commercial storage systems has been defined by this innovation leader from the start. FENECON provides assistance in all matters of the technical design, system configuration and commissioning. The stationary energy storage packages include high-performance batteries, efficient inverters and the FENECON Energy Management System (FEMS). This in-house development, which is based on a flexible modular open-source architecture, makes FENECON a market leader in the implementation of complex energy management projects. The FEMS is based on the OpenEMS platform which is managed by the OpenEMS Association on a manufacturer- und product-independent basis. The fast-growing network of participating software developers will ensure extensive compatibility and profitable applications in the future.



Profitability

- LFP pouch cells (lithium iron phosphate) allow for high charging and discharging power
- no active cooling necessary, thanks to high efficiency of the battery modules: noiseless and economic
- extensive monitoring options included
- 12-year performance warranty
- up to 10 years of product warranty

Functionality

- combination and expansion of app-based business models at any time with FENECON Energy Management System (FEMS)
- compatible with many manufacturers and products from the energy, electronics and mobility sectors
- allows for emergency power supply, optimisation of consumption, load management, charging point management and many more

Flexibility

- Commercial 30 and Commercial 50 series for different capacities and applications
- optimal configuration for each application, scalable in 3.5 kWh steps, starting from 30 kWh
- expansion guaranteed, therefore suitable for changing parameters
- optionally available with illuminated, fully integrated and air-conditioned outdoor cabinet

Handling

- fully integrated one-stop solution: battery, inverter and software
- modular system optimises transport, handling and installation
- easy installation, thanks to reverse-polarity-protected wiring of the handy modules on the front of the battery storage
- regular free and automatic security and feature updates