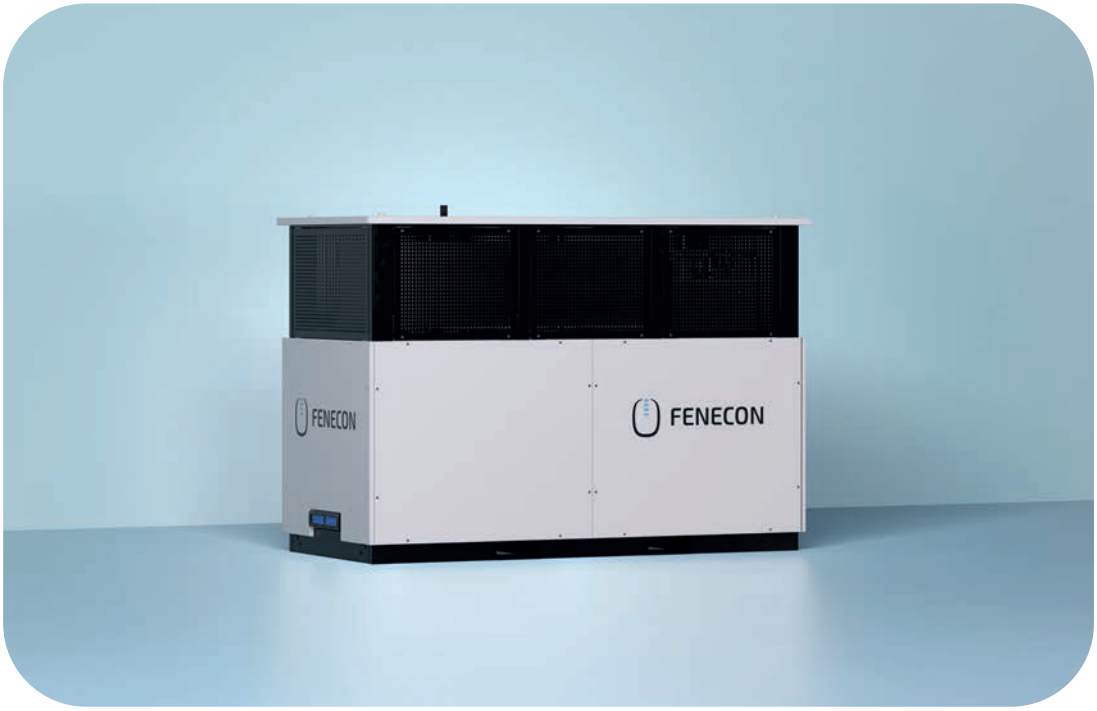
FENECON

The compact industrial battery energy storage system

INDUSTRIAL S



Key Facts

92 – 184

Power in kW*

82 – 164

Nominal capacity in kWh

* Power output at standard conditions. Temperature-dependent power reductions may occur.

Benefits

- 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
- For outdoor operation, e.g. at the EV charging parks
- 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
- One-box design: vandal-proof
- Cyber security by Design

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System

Product warranty	10 years
Grid connection	400 V, 3L/N/PE, 50/60 Hz
Operating temperature in °C	-20 to +40
Container dimensions (L|W|H) in mm	2,640 | 1,210 | 1,875
Container weight (approx.) in kg	1,800 - 2,400
Installation location	Outdoor

Battery

Cell technology	Nickel-manganese-cobalt (NMC)
Nominal capacity (DC) in kWh	42.24
Usable capacity (DC) in kWh	41
Capacity guarantee*	10 years or 6,000 cycles

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

Inverter

Nominal power in kVA	92
Maximum efficiency in %	98.7

System configuration

92 kW*** | 82 kWh	1 Inverter, 2 Batteries
92 kW*** | 164 kWh	1 Inverter, 4 Batteries
184 kW*** | 164 kWh	2 Inverters, 4 Batteries

*** Nominal power at nominal voltage; the actual power depends on other factors such as state of charge, ambient temperature and cell temperatures.

Ready to go with the included FEMS app

Online monitoring is included as standard with the Fenecon Industrial S

Additional FEMS apps are available upon request. FEMS apps are important building blocks for the future energy world, in which users can adapt their FENECON energy storage system to their individual requirements.

More infos about FEMS

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More infos about the product