Industrial S

FENECON

The compact industrial battery energy storage system

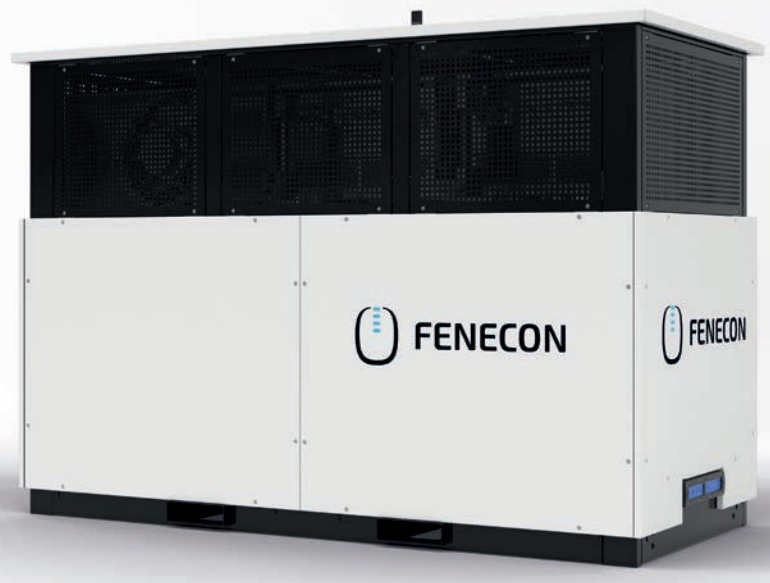
RENTAL @ FERESTO

Key Facts:

- Power: 92 up to 184 kW
- Capacity: 82 up to 164 kWh

Benefits:

- Self-consumption optimization
- Peak Shaving: Cuts electricity costs and prevents costly infrastructure expansion*
- PV-optimized integration of electric vehicle charging stations, heatpumps and heating rods*
- Including a 3-phase sensor for the grid connection point.
- Plug & Play installation and connection to the low-voltage grid.
- Designed for outdoor use, ideal for EV charging parks.
- All-in-One System with a Compact High-Voltage Battery – Featuring thermal management, an efficient battery inverter, intelligent energy management (FEMS), and comprehensive manufacturer service.
- Low space requirement.
- Forklift and crane compatible for easy handling.



* FEMS App Self-Consumption Optimization included.
Project-specific customization through standardized apps.

Industrial S

High energy density, compact size

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 to 2,400

BATTERY

Cell technology	Nickel Manganese Cobalt (NMC)
Nominal capacity (DC) in kWh	42.24
Usable capacity (DC) in kWh	41
Capacity warranty**	10 years or 5,000 cycles

** For further information, please refer to our warranty terms at www.fenecon.de.

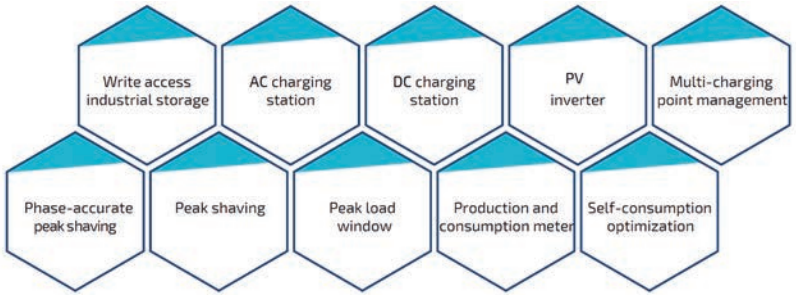
SYSTEM CONFIGURATION

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.

INVERTER

Rated power in kVA	92
Maximum efficiency in %	98.7
Grid certificates	VDE 4105 | VDE 4110 TOR generator Type A



FEMS App Center

Easy installation of energy management apps

FEMS Apps are important building blocks for the future energy world, where users can adapt their FENECON energy storage system according to individual requirements.

- Use the advantages of FEMS on your Energy Journey even more efficiently with FENECON
- Simply download apps and install them via a licence key
- Fast and convenient installation

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