

The compact industrial battery energy storage system

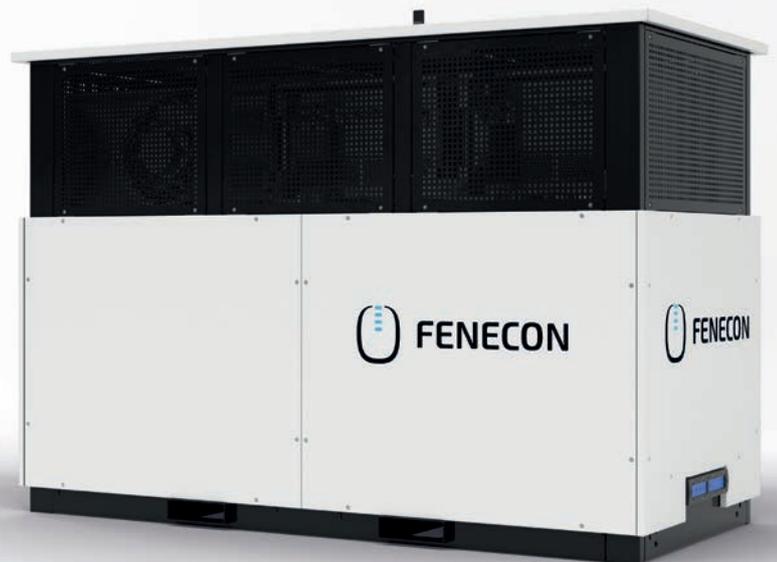
Key Facts:

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



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
- 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, including thermal management, efficient battery inverter, intelligent FEMS energy management and full service from one manufacturer
- Low space requirement
- Transportable with forklift and crane



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

Industrial S

Maximize energy in minimal space

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 |

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 conditions at www.fenecon.de.

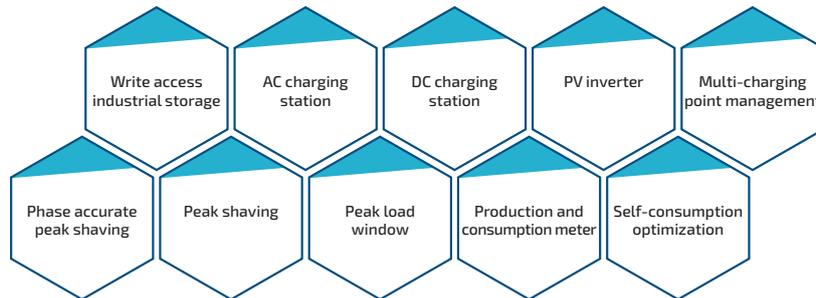
SYSTEM CONFIGURATION

| | |
|-------------------|--------------------------|
| 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 certificate | VDE 4105 VDE 4110 TOR generator type A |



Easy installation of energy management apps

FEMS apps are important building blocks of the future energy world, where users can adapt their FENECON energy storage system according to their individual needs.

- Use the advantages of FEMS on your energy journey even more efficiently with FENECON
- Simply download apps and install them via license key
- Fast and convenient installation process

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