



FENECON Commercial 50

Commercial storage system with outdoor capability



fenecon

Commerce. Industry. Charging Parks. Grid operators.

- High performance battery
- Efficient inverter
- Open source based energy management FEMS

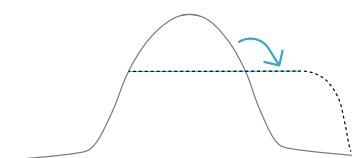
Complete integrated system

- Durable and profitable
- Sector coupling: heat, e-mobility
- Suitable for indoor and outdoor use*
- Power: 50 - 250 kW
- Capacity: 70 - 1.400 kWh

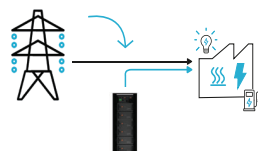


*With optional outdoor rack

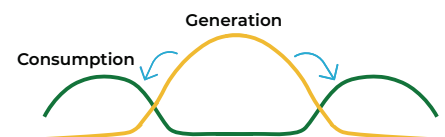
Peak shaving



Avoid grid expansion



Own consumption optimisation



For a better future with 100% renewable energies

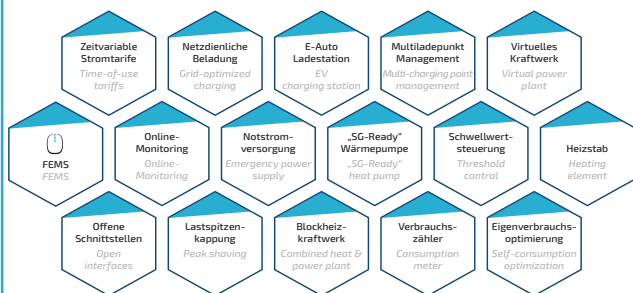
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Complete integrated system



FEMS-Energy management system

Software	Open source based
Extension	Flexible extendible
Size (W/D/H)	315 155 450 mm
Weight	4,5 kg
Product warranty	5 years



System

PV-connection	AC
Grid connection	3-phase
Operating temperature	
Indoor	0 °C to +55 °C
Outdoor	-35 °C to +55 °C
Capacity warranty	12 years
System warranty	5 years, optional 10 years

Battery

Technology	LiFePO ₄
Capacity DC	70 - 1.400 kWh
Voltage	720 - 864 V _{DC}
Weight battery module	34 kg
Battery cabinet dimensions	
Indoor (W/D/H)	625 430 1.471 mm
Outdoor (W/D/H)	2.100 750 1.850 mm
Battery cabinet weight	
Indoor	835 kg
Outdoor	1.125 kg

Inverter

Power	50 - 250 kW
Input voltage range	662 - 1050 V _{DC}
Dimensions (W/D/H)	500 425 760 mm
Weight	75 kg

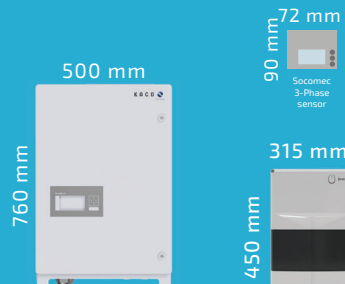
Outdoor: 2.100 mm

Outdoor: 1.850 mm



Indoor: 1.471 mm

Indoor: bis zu 3 x 625 mm



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Presented by:

