



FENECON Commercial 50-series Battery module | Battery rack

Technical data battery rack

Rack design	2 battery racks
Modulverschaltung	20 battery modules in serial conjunction
Nominal capacity	60 kWh
Technology	Lithium-iron-phosphate (LiFePO ₄)
Nominal voltage	768 V _{DC}
Battery voltage	696 - 854 V _{DC}
Nominal current	80 A
Max. charge/discharge current	160 A (for 10 sec.)
Operation temperature	-20 °C to +55 °C
Humidity	5 % to 95 % (not condensing)
IP protection class	IP 20
Weight per battery cabinet	450 kg
Dimensions per battery cabinet (W/D/H)	540 / 540 / 2.200 mm
Communication interface	CAN / RS 485



Image similar

Technical data battery module

Model	SL-HV-3.07-Superior
Technology	Lithium-iron-phosphate (LiFePO ₄)
Nominal capacity	3,45 kWh
Nominal voltage	38,4 V _{DC}
Voltage range	34,8 to 42,7 V _{DC}
Nominal current	80 A
Operation temperature	-20 °C to +55 °C
IP protection class	IP 20
Weight per battery module	40 kg
Dimensions per battery module (W/D/H)	425 / 450 / 167 mm
Communication interface	CAN / RS 485



Image similar

Warranty

5 years product warranty – extendable to 10 years

10 years time value replacement warranty accord. to KfW-terms

12 years or 6.000 cycles capacity warranty till 70 % residual capacity

Certifications

CE; UN 38.3

Technical structure

