

VENCON Battery A200 – Overview of technical data

Rev.1

General specification	
Dimensions L x W x H	813 x 850 x 300 mm
Weight	Approx. 120 kg
IP enclosure	IP4X
Noise level	<80 dB(A)@1m – @ P _{nom}
Temperature range, operation	–15 bis +40 °C, >40 bis +50 °C = derating
Cable entry	In front
Cooling system	Forced air cooling
Site	<2000 m NN, >2000m optional
Humidity	< 95% non-condensing
Efficiency	98.8 %
Communication	MODBUS-TCP / Ethernet, RS485, CAN
AC parameters	
Nominal voltage	690 V
AC voltage range	607 – 759 V
Nominal apparent power	215 kVA
Nominal power	215 kW
Nominal reactive power	93.72 kVar
Max. AC output current	199,9 A
Frequency	50 Hz
Power factor @ P _{nom}	0.9 cap to 0.9 ind
Harmonic (THDi)	<2% @ nominal power
AC connection	3 + PE
Grid protection	U<<, U<, U>, U>>, f<, f>
Peak short-circuite current I _p 3-phases	2.1 I _{Nom}
DC parameters	
Max. input voltage	1,500 V DC
Voltage/working range	1,000 V – 1,500 V DC
Max. current	204.4 A
Protective devices	
AC	load break switch
DC	power contactor
Network monitoring	inclusive
Overheating protection	inclusive
Surge protection	optional

Subject to technical changes