

Intelligent Air BESS SC215A100P

Rated Energy: 215kWh

Rated Voltage: 768V



Model		SC215A100P
AC data		
Rated power (kW)		100
Rated voltage (V)		400
Rated current (A)		144
Voltage range (V)		320-460
Rated frequency (Hz)		50 / 60
Frequency Range (Hz)		45-55 / 55-65
THDi (on-grid)		<3%
THDu (off-grid)		≤ 1% linear; ≤ 5% non-linear
Power factor		1leading~1lagging(settable)
Overload capacity		110% long-term
Grid type		3W+N+PE
Isolation transformer		Yes
On / off-grid switching		Support
PV data		
Max. PV input voltage (V)		1,000
Max. PV power (kW)		165 / 247.5
MPPT operating voltage range (V)		250~1,000
Buck-boost mode		Self-adaption
Battery data		
Cell type		3.2V / 280Ah / LFP
Rated voltage (V)		768V, 1P240S
Rated energy (kWh)		215.04
Operating voltage range (V)		672~852
Max. charge and discharge rate		0.5P / 25°C
General data		
Dimensions W *D *H (mm)		2,460×1,560×2,425
Weight (kg)		3,900
Operating temperature (°C)		0 ~ +45
Relative humidity		0 ~85% (non-condensing)
Ingress protection		IP54
Noise emission (dB)		<75
Max. operating altitude (m)		2,000(> 2,000 power derating)
Cooling		Temperature-controlled intelligent air cooling
Fire extinguishing system		Aerosols / NOVEC1230(optional)
Display		Touch LCD display+cloud platform
EMS communication		RS485, TCP / IP