

Sentinal 261 (125kW / 261kWh)

C&I Battery Energy Storage System



Specifications

System	
Depth of Discharge (DoD)	98%
Operating Temperature	-20 °C to 50 °C
Fire Protection	Multi-level fire suppression at Cluster- & PACK-Level (Perfluorohexanone or Aerosol)
Cooling Method	Liquid cooling
Communication	RS485, CAN
Protection Rating	IP54
Relative Humidity	5% – 95%
Cabinet Dimensions (W×D×H)	970 × 1400 × 2270 mm (±10 mm)
Max. Altitude	≤4000 m
Weight	2350 ± 20 kg
Expansion	Off-grid: Up to 6 units On-grid: greater capacity achievable
AC Side	
Rated Power	125 kW
Max. Power	137 kW
Rated Grid Voltage	230 / 400 V
Voltage Range	-10% to +15%

Grid Frequency	50 / 60 Hz
Power Factor Range	-1 to +1
Grid-Connected THDi	<3%
Battery	
Cell Capacity	314 Ah
Rated Energy	261 kWh
Pack Configuration	1P52S
Nominal System Voltage	832 V
Certifications	
Certifications	IEC 62619
	IEC 63056
	IEC 62477
	IEC 62933
	UN38.3
	IP tests
	CE-EMC
	CE-LVD
	EMC61000
Grid Code	CEI 0-21