

Liquid BESS SC261L125P

Rated Energy: 261kWh

Rated Voltage: 832V



Model	SC261L125P
Inverter module data (AC)	
Product model	PMA0125
Rated power (kW)	125
Active power (kW)	125
Rated voltage (V)	400
Rated current (A)	180
Voltage range (Vac)	400±15% (Subject to local standards)
Rated frequency (Hz)	50 / 60
Frequency range (Hz)	45-55 / 55-65 (Subject to local standards)
THDi (on-grid)	< 3% (Rated power)
THDu (off-grid)	< 3% (Linear balanced load)
Power factor	> 0.99; -1 ~ +1
Unbalanced load capability	100% Three-phase unbalance
Off-grid overload capacity	≤110%:continuous; 110%~≤120%:2min; > 120%:200ms
Grid type	3-phase 4-wire + ground (3W+N+PE)
Battery data	
Cell type	3.2V / 314Ah, LFP
Module configuration	166.4V / 314Ah / 1P52S ,52.2496kWh
Rated voltage (V)	832V, 1P260S
Rated energy (kWh)	261.248
Operating voltage range (V)	728~936
Max. charge and discharge rate	0.5P@25°C
General data	
Structure type	Outdoor cabinet
Dimensions W *D *H (mm)	1,080×1,445×2,425
Weight (kg)	≈2,750 (Including batteries)
Operating temperature (°C)	0 ~ +45
Relative humidity	0 ~95%(non-condensing)
Ingress protection	IP54
Anti-corrosion grade	C4M
Noise emission (dB)	<75
Max. operating altitude (m)	2,000(> 2,000 power derating)
Cooling	Temperature-controlled intelligent liquid cooling
Air conditioner cooling capacity (kW)	5
Fire protection system	Aerosol
EMS communication	RS485, TCP / IP