

SE-BESS 261

Integrated liquid cooling BESS solution

SE 125K-261kWh

Key features

-  **Pack-level liquid cooling**
Runner design for efficient cooling
-  **Single cabinet capacity**
Up to 261 kWh
-  **Footprint under 1.4 m²**
-  **Flexible expansion**
Easy to install and maintain
-  **Supports grid following & grid forming operations**
-  **Black start capability**
-  **DG set replacement**



Applications



EV charging



Data center



Commercial building



Solar storage



Industrial peak shaving



Campus microgrids

Operation & safety



100% unbalanced three-phase load



Remote upgrades and cloud O&M



Pack & cabinet fire control



Anti-condensation dehumidification

SE-BESS 261

Integrated liquid cooling BESS cabinet



SE 125K/261kWh



Technical specifications

AC Side Parameter	
AC Rated Power	125kW
Max. Power	137kW
Allowable Grid Voltage Range	400V (-15%~10%)
Allowable Grid Frequency Range	50/60Hz (±5Hz)
Rated AC Output Current	180A
Max. Output AC Current	198A
Max. PCS Efficiency	98%
Electric Connection Mode	3P4W
Battery Side Parameter	
Cell Specification	LFP 3.2V/314Ah
Cell Cycle Life	>8000 cycles @0.5C @ 25°C
System Capacity	261kWh @ 25°C
Nominal Energy Per Module	52.2kWh
No. of Modules	5
Voltage Range	715~923V
System Parameter	
Charge/discharge Ratio	≤0.5C
Display	Touch screen display (optional)
Noise	<70dB
IP Rating	IP54 (Battery Pack: IP65)
Round Trip Efficiency	>88%
Cooling Method	Liquid cooling (Battery Side), Intelligent Air Cooled (PCS)
Environmental Temperature	-30~55°C
Humidity	≤95% (non-condensing)
Maximum Working Altitude	4000m (>2000 Derating)
Fire Safety Configuration	Aerosol
Communication Interface	Ethernet/CAN/RS485
Communication Protocol	MODBUS-TCP

Specifications are accurate at the time of printing. Statcon Energiaa reserves the right to change data and parameters without notice.

