

## Commercial & Industrial ESS



- **High efficiency**

- Intelligent temperature control system that improves system efficiency and battery cycles
- Bi-directional converter characterized by constant current, voltage and power during charging
- Reduce loss incurred from paralleling mismatch among battery clusters
- Avoid system risks caused by the ring current of battery clusters

- **High-precision and intelligent**

- Meet smart grid design specifications
- Electrical isolation that supports offline function, featuring strong grid adaptability
- Cloud platform that realizes remote maintenance and monitoring
- Built-in management system that adapts to multiple operational modes and supports the independent operation of micro-grid to increase profitability to the user.

- **Easy and Flexible**

- Modular design of PCS on AC side that facilitates installation and maintenance;
- Support multiple PCS parallel connection, making more flexible configuration possible;
- Cabinet transport, easy site construction;
- Visualization of data interaction.

	SE215L-100K	SE232L-125K
<b>AC Side</b>		
AC Rated Power	100Kw	125Kw
Max. Output Power	110Kw	137.5Kw
Allowable Grid Voltage Range	400V (-15%~10%)	400V (-15%~10%)
Allowable Grid Frequency Range	50/60Hz±2.5Hz	50/60Hz±2.5Hz
Rated Current	151A	181A
Max. PCS Efficiency	98%	98%
Way of Connection	3P4W+PE	3P4W+PE
<b>DC Side</b>		
Cell Specification	LFP 3.2V/280Ah	LFP 3.2V/280Ah
Battery PACK Configuration	1P48s/43kWh	1P52s/46.61P kWh
System Capacity	1P240S	1P260S
Voltage Range	215.04kWh	232.96kWh
Voltage Range	648~864V	702~936V
Charge/discharge Ratio	≤0.5P	≤0.5P
<b>Battery System</b>		
Dimension	1000*1350*2391mm( Incl. lifting lug) 1000*1350*2300mm( Excl. lifting lug)	1000*1350*2391mm( Incl. lifting lug) 1000*1350*2300mm( Excl. lifting lug)
Weight	2400kg	2550kg
Noise	<75dB	<75dB
IP Class	IP54	IP54
System Efficiency	>88%	>88%
Cooling Type	Liquid cooling	Liquid cooling
Environmental Temperature	-30~55 °C	-30~55 °C
Humidity	≤95%	≤95%
Altitude	>2000m Derating	>2000m Derating
Fire Extinguishing Method	Aerosol/Perfluoro (Optional)	Aerosol/Perfluoro (Optional)
Communication Interface	Ethernet	Ethernet
Communication Protocol	IEC61850/MODBUS-RTU/MODBUS-TCP	IEC61850/MODBUS-RTU/MODBUS-TCP