



MIKO ENERGY



BESS

**Industrial & Commercial
Energy Storage**

50 - 350 kW / 100 - 418 kWh

TECHNICAL SPECS

MODEL	SE215L-100K	SE233L-125K	SE241L-125K	SE261L-125K
AC Side				
AC Rated Power	100kW	125kW	125kW	125kW
Allowable Grid Voltage Range	400V (-15%~10%)			
Allowable Grid Frequency Range	50/60Hz±2.5Hz			
Rated Current	145A	180A	180A	180A
Max. PCS Efficiency	98%			
Way of Connection	3P+N+PE			
Battery Side				
Cell Specification	LFP 3.2V/280Ah	LFP 3.2V/280Ah	LFP 3.2V/314Ah	LFP 3.2V/314Ah
Battery RACK Configuration	1P240S	1P260S	1P240S	1P260S
System Capacity	215kWh @ 25°C, 0.5P	233kWh @ 25°C, 0.5P	241kWh @ 25°C, 0.5P	261kWh @ 25°C, 0.5P
Voltage Range	648~864V	702~936V	648~864V	702~936V
System Parameter				
Charge/discharge Ratio	≤0.5P			
Display	Touch screen display (optional)			
Dimension(W*D*H)	1000*1350*2391mm(Incl. lifting lug) 1000*1350*2300mm(Excl. liftinglug)			
Weight	2400kg	2600kg	2450kg	2650kg
Noise	<75dB			
IP rating	IP54 (Pack: IP67)			
System Efficiency	>88%			
Cooling method	Liquid cooling			
Environmental Temperature	-30~55 °C			
Humidity	≤95%			
Maximum working altitude	2000m			
Fire safety configuration	Aerosol			
Communication Interface	Ethernet/CAN/RS485			
Communication Protocol	MODBUS-TCP			
Compliant with standards	GB/T 34120, GB/T 36276, IEC62477, IEC62619, IEC63056			
Cycle Life	8000			



CE UN38.3 IEC61000 IEC62477
IEC62619 IEC63056

This product sheet is as comprehensive and detailed as possible based on existing information. The company reserves the right to modify data, parameters and other information.

High Security

Battery circuit safety management, fast fuse protection.
A multi-level battery protection system ensuring impeccable safety.
Intelligent anti-leakage detection, enhancing system safety.

High Integration

Highly integrated, easy to transport and operation and maintenance.
Fully pre-assembled, eliminating the need for on-site battery module installation.
On-site installation within 8 hours.

Long Lifespan

Intelligent liquid cooling ensures higher efficiency and longer battery cycle life.
Modular design with parallel support for easy system expansion.

Intelligent

Real-time status monitoring and fault recording to achieve fault warning and fault location.
Built-in battery performance monitoring and recording function.