

Air-cooling Energy Storage Cabinet Solutions

• Product Features and Advantages

Providing products as OEM/ODM

• **Efficient Conversion**

High energy density, can support battery transportation.

• **Smart and Friendly**

Real-time status monitoring and fault recording.
Multi-energy complementation of solar, storage, diesel-generator, and grid power, utilizing resources reasonably

• **Safe and Reliable**

Multi-level battery protection system, ensuring impeccable safety.
With grid power supply and backup power supply interface to ensure uninterrupted important loads

• **Flexible Configuration**

With device black start function, voltage support is established in a short time Integrated 2-way MPPT, with multi-way photovoltaic interface



Model	SE100A-50K	SE215A-100K
AC Side		
AC Rated Power	50kW	100kW
Max. apparent power	50kVA	100kVA
Allowable Grid Frequency Range	50Hz	50Hz
Rated Current	72A	145A
Max. PCS Efficiency	98%	
Way of Connection	3P+N+PE	
Off grid conversion time	≤20ms	
Off grid three-phase imbalance	100% unbalanced load capacity	
DC Side		
Cell Specification	LFP 3.2V/280Ah	
Battery PACK Configuration	1P16S*7	1P16S*15/1P20S*12
System Capacity	100kWh@25°C,0.5P	215kWh@25°C,0.5P
Voltage Range	302.4~403.2V	648~864V
Battery System		
Charge/discharge Ratio	≤0.5P	
Dimension(W*D*H)	700*1100*2000mm 700*1280*2000mm (with air conditioner)	1600*1100*2300mm 1600*1280*2300mm (with air conditioner)
Weight	1200kg	2400kg
Noise	<75dB	
IP rating	IP54	
System Efficiency	>88%	
Cooling method	Air cooling	
Environmental Temperature	-30~55 °C	
Humidity	≤95%	
Maximum working altitude	2000m	
Fire safety configuration	Aerosol	
Communication Interface	Ethernet/4G/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.