Gotion EDGE L

Industrial and Commercial Energy Storage



Advantages of Products

Industrial and commercial energy storage All-in-one machine series products include: ESC-R125-261-CE, the series adopts all-in-one design, high integration, high energy density. It is widely used in many scenarios such as capacity expansion, industrial and commercial enterprises, data centers, park energy storage, commercial buildings, large industries, charging stations and so on.

Safe and Reliable

- Long cycle energy storage battery, battery pack IP67
- Cabinet unit design, IP55, fire resistant 1.5h
- Multi-level electrical control, support singlepack level fire protection

Intelligent and Efficient

- Self-developed EMU, real-time detection and intelligent management
- Liquid cooled battery pack design, intelligent temperature control technology
- Fast response and support for black start

Flexible Deployment

- Modular, highly integrated design, small footprint
- Plug and play, support multi-machine parallel, easy to expand
- Can fork can lift, transfer flexible

Remote Operation & Maintenance

- Cloud-side coordination, remote monitoring and early warning
- Remote fault analysis and efficient processing
- Supports remote software upgrade to reduce O&M

Model	ESC-R125-261-CE
Cell Type	LFP-314Ah
Grouping Mode	1P52S*5
Charge/Discharge Rate	0.5P@25° C
Nominal Energy (kWh)	261
Voltage Range (V)	728-936
AC Side	
AC Voltage (V)	400 (-15%~15%)
Rated Power (kW)	125
PCS Maximum Efficiency (%)	99
Total Harmonic Distortion Ratio (%)	<3
System Parameters	
Work Temp Range (C)	-30~50 (>45° C derating)
Work Humidity Range (%)	5~95
Cooling Mode	Liquid-cooled
Altitude (m)	≤3000 (>2000 derating)
Maximum System Efficiency (%)	90
System Cycle Life	>8000,0.5c@25° C,90%DOD
Fire Suppression System	Aerosol FSS
Ingress Protection	IP55
Communication Port	RS485, Ethernet*2
Communication Protocol	Modbus/MQTT
Certification	GB/T36276, IEC62619, IEC62477, IEC61000, UN38.3
Dimension (W*D*H*)mm	1120*1350*2420mm
Weight (T)	2.6
Standards & Certification	
UL	UL9540A (pack)

* Support for Extended Integration; 05P522 product is on-going