

# Gotion All-in-One 261kWh



## Model: ESC-R125-261

Gotion's 261kWh all-in-one cabinet integrates battery modules, control box (with BMS and EMS), liquid cooling, bidirectional inverter, and fire protection—ideal for C&I applications like peak shaving, load shifting, backup power, and grid support.



### High Integration

- All-in-one compact design saves space
- Modular setup for easy maintenance and upgrades
- Scalable design supports parallel expansion



### Safety & Reliability

- Gotion liquid-cooled PACK with long-cycle, ESS-specific cells
- IP67-rated PACK & IP55 outdoor cabinet with multi-layer protection
- Multi-level electrical protection & fire suppression system



### Flexible Configuration

- Adaptable to diverse scenarios and energy needs
- Top and bottom lifting support for easy installation
- In-house EMS supports customized solutions

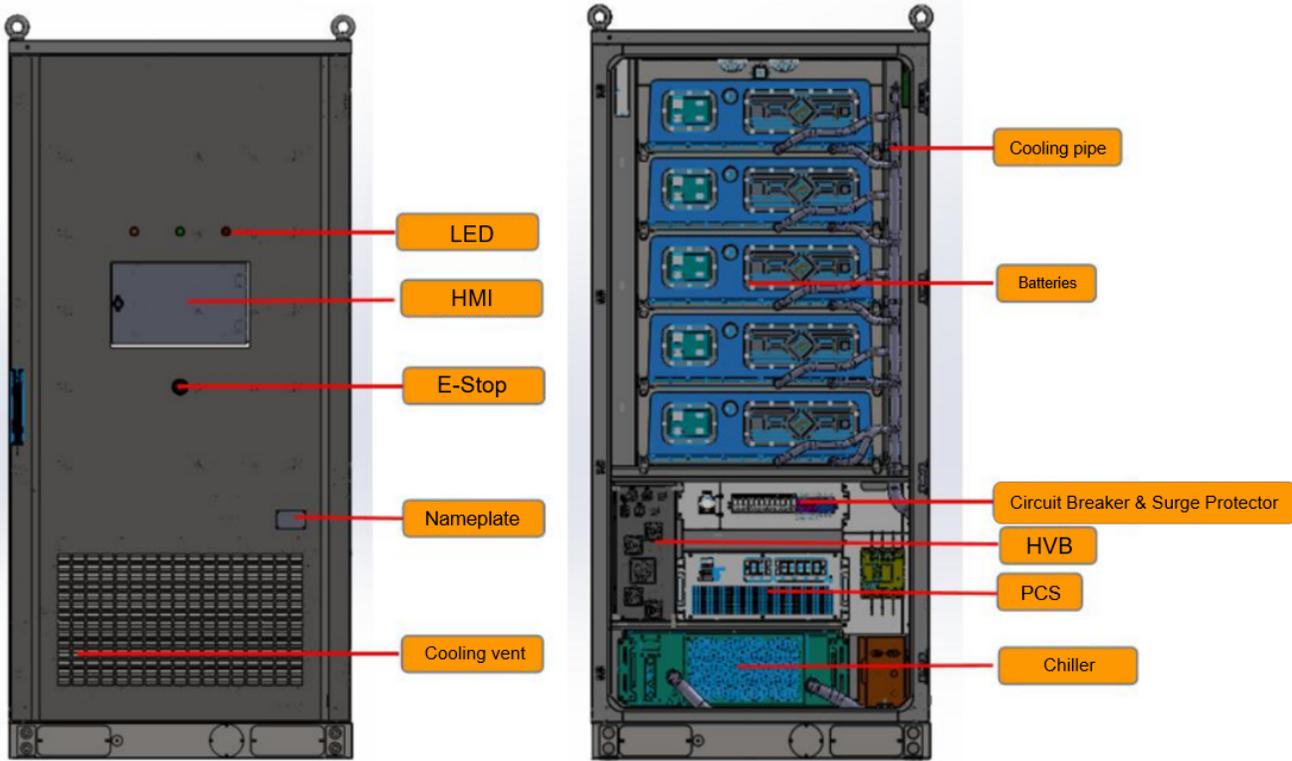


### Smart Management

- Real-time system monitoring and safety management
- Intelligent energy allocation to reduce operating costs

System Parameters	
DC Voltage Range	728~936Vdc
Output Voltage	400V@AC
System Configuration	1P260S
Rated Power	125kW
Nominal Capacity	261kWh
Dimensions (W×D×H)	1120*1350*2420mm (including rupture disc height)
Weight	2700KG
IP Rating	IP55
Operating Temperature	-13°F to 122°F / -25°C to 50°C (derating above 113°F / 45°C)
Operating Humidity	≤ 95% (non-condensing)
Operating Altitude	≤ 3,000 m (derating above 2,000 m)
Cooling Method	PCS air cooling + battery pack liquid cooling
FSS	Aerosol
Communication	RS485, Ethernet * 2
Communication Protocols	MODBUS/MQTT (customizable)
Cell Parameters	
Nominal Capacity	314Ah
Nominal Energy	1004.8Wh
Dimensions	71.95 × 174.8 × 207.1 mm
Pack Parameters	
Pack Configuration	1P52S

# Gotion All-in-One 261kWh – System Components



All-in-One C&I Cabinet structural view

261kWh System Components	
<b>Battery System</b>	5 battery packs
<b>BMS</b>	1 set
<b>FSS</b>	1 set
<b>Chiller</b>	1 set, 5kW
<b>Cabinet</b>	1 set
<b>PCS</b>	1 set, 125kW
<b>HVB</b>	1 set
<b>EMU</b>	1 set