



RZUN2024-11445-1



中国认可  
检验  
INSPECTION  
CNAS IB0011

# 运输危险性鉴定报告书

Classification and Identification Report for Transport

Page 1 of 7 Pages

No.: RZUN2024-11445-1

 海运 By Sea	第九类危险品 (P903 (2)) Dangerous Goods Class 9 (P903(2)) 报告有效期 Period of validity: 2025-12-31
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样品名称 .....

集成电池储能系统

ESC-R125-261-CE 832V 314Ah 261kWh

Sample Name .....

**Integrated Battery Energy Storage System**

ESC-R125-261-CE 832V 314Ah 261kWh

委托单位 .....

南通国轩新能源科技有限公司

Commissioner .....

**Nantong Gotion New Energy Technology Co., Ltd**

威凯检测技术有限公司

**CVC Testing Technology Co., Ltd.**

# 运输危险性鉴定报告书

## Classification and Identification Report for Transport

Ref. No.: RZUN2024-11445-1

Page 2 of 7 Pages

样品信息/ Sample information	
样品名称 .....	集成电池储能系统
Sample name.....	Integrated Battery Energy Storage System
电池类别/Battery Category .....	锂离子电池/Lithium-ion batteries
型号规格/ Type/Model.....	ESC-R125-261-CE 832V 314Ah 261kWh
外观颜色/ Appearance .....	白色 / white
电池模块连接方式 / Connection mode of battery module.....	1P52S
组成方式/ Composition .....	5*1P52S
重量/ Weight .....	2600kg±50kg
尺寸/ Size.....	1120mm±20mm * 1350mm±20mm *2460mm±20mm
委托单位/ Commissioner information	
委托单位 .....	南通国轩新能源科技有限公司
Commissioned by .....	Nantong Gotion New Energy Technology Co., Ltd
制造商/Manufacturer information	
制造商 .....	南通国轩新能源科技有限公司
Manufacturer .....	Nantong Gotion New Energy Technology Co., Ltd
包装件信息/Package information	
包装件重量/Package weight ...	2620kg±55kg
包装件尺寸/Package size .....	1280mm±50mm* 1560mm±50mm *2460mm±50mm
时间信息/ Date	
鉴定日期/ Inspection date.....	2025-3-20 ~ 2025-4-25
报告有效期/ Period of validity ..	2025-12-31
鉴定依据/Inspection refer to	
国际海事组织《国际海运危险货物规则》(2022 版) IMO INTERNATIONAL MARITIME DANGEROUS GOODS CODE (2022 Edition)	
鉴定结论/ Conclusions	
<b>1. 运输名称/Proper Shipping name:</b> — Lithium ion batteries	
<b>2. 危险性识别/ Hazards identification :</b> — 第九类 UN3480/ Class 9 UN3480	
<b>3. 包装符合 IMDG CODE (Amdt. 41-22) 2022 版包装导则 P903 (2) 的要求/ Package complies with the Packing Instruction P903(2) of IMDG CODE (Amdt. 41-22) 2022 Edition.</b>	
签发日期: 2025-04-30 Issue Date:	鉴定单位盖章 (Seal of CVC)

批准:

张思瑶

审核:

柳震

检验:

林清源

Approved by:

张思瑶

Reviewed by:

柳震

Inspected by:

林清源

危险货物  
检验

检验结果及其他事项 Inspection results and other information	
1	<p>本报告所述锂电池货物是集成电池储能系统，其由 5 个电池模块、1 个主控箱和 1 个液冷机组构成，每个电池模块由 52 个电芯串联组成。</p> <p>The lithium battery cargo described in this report is Integrated Battery Energy Storage System, which is consists of 5 battery modules, 1 main control box and 1 liquid cooling unit, each battery module is consists of 52 cells.</p>
2	<p>本报告所述锂电池已经通过联合国《试验和标准手册》第三部分第 38.3 节的相关测试要求。UN38.3 测试报告编号及试验概要的编号为：[RZUN2024-11445 / RZUN2024-11445-TS]。</p> <p>The Lithium cells/batteries listed in the report are of type proven to meet the requirements of each test in the UN Manual of Tests and Criteria Part III subsection 38.3. The UN38.3 test report and test summary numbers are [RZUN2024-11445 / RZUN2024-11445-TS].</p>
3	<p>本报告所述锂电池按照《国际海运危险货物规则》(41-22) 2022 版 2.9.4 (5) 规定的质量管理体系进行制造。</p> <p>Lithium cells and batteries listed in this report were manufactured under the quality management program as described in IMDG CODE (Amdt. 41-22) 2022 Edition 2.9.4 (5).</p>
4	<p>本报告所述锂电池货物总重超过 12kg，产品的整体结构稳定，采用了坚固、耐碰撞外壳；</p> <p>The total weight of the lithium battery cargo mentioned in this report exceeds 12kg, and the overall structure of the product is stable, employing a strong, impact resistant outer casing;</p>
5	<p>本报告所述锂电池组具有适当的防短路措施。</p> <p>Lithium batteries listed in this report are properly protected so as to prevent short circuits.</p>
6	<p>本报告所述锂电池货物中的锂离子电池模块已牢固的固定在柜体中，并有适当的保护措施防止意外启动，电极不得承受其它叠放物品的重量。</p> <p>The lithium-ion battery module in the lithium battery cargo mentioned in this report has been secured and has appropriate protective measures to prevent inadvertent movement, and the terminals shall not support the weight of other superimposed elements.</p>
7	<p>本报告所述锂电池货物采用了坚固外包装。</p> <p>The lithium battery goods described in this report is in a strong outer packing.</p>
<p><b>备注:</b> <b>Remarks:</b> 该报告中逗号用以代替小数点。 Throughout this report a comma is used as the decimal separator.</p>	

样品照片  
Photos of Samples

集成电池储能系统 / Integrated Battery Energy Storage System  
(ESC-R125-261-CE 832V 314Ah 261kWh)



**Integrated Battery Energy Storage System(BESS)**

**Product Model:**  
ESC-R125-261-CE

**Number:**  
CN24206-0001

**Battery System:**  
IP67/176/208(52S)5S|MA-30+50/95

**System Parameter:**

Rated AC voltage:	400 V (3L+N)
Frequency:	50/60 HZ
Maximum AC current:	180 A
Rated AC power:	125 kW
Rated energy:	261 kWh
DC voltage range:	728-936 V
Rated DC current:	150 A
Nominal voltage:	832 VDC
Aux voltage:	220 VAC 50/60Hz
Aux rated power:	2.61kW
Protection class:	I
Enclosure:	IP55
Ambient temperature:	-30°C to 50°C
Cooling mode:	Liquid-cooled
Max. weight:	5,732 lbs.(2,600kg)
Max. external dimension:	3' 8"(L) x 4' 5" (W) x 7' 11" (H)
Manufacture date:	1,120 mm(L) x 1,350 mm(W) x 2,420 mm(H) 2025/01

**Manufacturer:**  
HeFei Gotion High-Tech Power Energy Co., Ltd.  
Address:566 Huayuan Avenue,Baohu District,Hefei City,  
Anhui,P.R.China


**Caution:**  
Do not disassemble or modify  
Do not short-circuit  
Do not dispose in fire



样品照片  
Photos of Samples

电池模块/ Battery Module (EPD166-05P52 166,4V 314Ah 52,24kWh)





**国轩高科**  
GOTION HIGH-TECH

**Rechargeable Lithium-ion  
Battery Pack**

<p>Product Model: EPD166-05P52                  Nominal Energy: 52.24kWh                  Nominal Charging Current: 157A                  Nominal Charging Voltage: 166.4V                  Operating Temperature range: 15~45°C                  Discharge cut-off voltage: 130V                  Maximum Short Circuit Current and Duration Time: 14059A/10ms                  Manufacturer: HEFEI GOTION HIGH-TECH POWER ENERGY CO., Ltd</p>	<p>Battery type: LFP                  Nominal Capacity: 314Ah                  Nominal Voltage: 166.4V                  Nominal Current: 157A                  Maximum Charging Current: 157A                  Maximum Discharging Current: 157A                  Nominal Discharging Current: 157A                  Maximum Charging Voltage: 189.8V</p>
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SN :

**⚠ 危险 DANGER**

• HIGH VOLTAGE, WARNING ELECTRIC SHOCK.  
 • KEEP OFF THE FIRE, AND USE FIRE EXTINGUISHER WHEN FIRE.  
 • BEWARE OF CORROSION, AND REPAIR BY PROFESSIONALS.  
 • READ THE INSTRUCTION BEFORE USE, NO DISASSEMBLY OR CONVERSION.

Pb Pb 易燃液体 易爆物质 当心触电

当心火灾 当心腐蚀 当心爆炸 注意充电 回收标志

MADE IN CHINA

状  
专

包装照片  
Photos of Packages

包装件/ Package



印章

# 注 意 事 项

## Important Notice

1. 本鉴定报告书仅对送检样品有效。  
This report is valid for the tested samples only.
2. 申请人提供的样品须与实际运输货物一致。  
The goods applied for shipment must be in conformity with the tested samples.
3. 本鉴定报告书无鉴定单位印章无效。  
This report is invalid without the official stamp of CVC.
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