



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.: UN2024-3239-1

 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: 2024-12-31
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样品名称: 可充电锂离子电池存储系统
GE-F120-2H2 614,4V 200Ah 122,8kWh

Sample Name: **Rechargeable Li-ion Battery Storage System**
GE-F120-2H2 614,4V 200Ah 122,8kWh

委托单位: 宁波德业储能科技有限公司

Commissioner: **NINGBO DEYE ESS 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

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样品信息/ Sample information	
样品名称	可充电锂离子电池存储系统
Sample name.....	Rechargeable Li-ion Battery Storage System
电池类别/Battery Category	锂离子电池/Lithium-ion batteries
型号规格/ Type/Model.....	GE-F120-2H2 614,4V 200Ah 122,8kWh
外观颜色/ Appearance	白色/ White
电池模块连接方式/ Connection mode of battery module.....	1P16S
组成方式/ Composition	2*12*1P16S
重量/ Weight	2100 kg
尺寸/ Size.....	1783mm*1059mm*2235mm
委托单位/ Commissioner information	
委托单位	宁波德业储能科技有限公司
Commissioned by	NINGBO DEYE ESS TECHNOLOGY CO., LTD
制造商/Manufacturer information	
制造商	宁波德业储能科技有限公司
Manufacturer	NINGBO DEYE ESS TECHNOLOGY CO., LTD
包装件信息/Package information	
包装件重量/Package weight ...	2110 kg
包装件尺寸/Package size	1945mm * 1220mm * 2335mm
时间信息/ Date	
鉴定日期/ Inspection date.....	2024-04-25 ~ 2024-05-16
报告有效期/ Period of validity ..	2024-01-01~2024-12-31
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	
1. 运输名称/Proper Shipping name: - Lithium ion batteries	
2. 危险性识别/ Hazards identification : - 第九类 UN3480/ Class 9 UN3480	
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.	
签发日期: Issue Date: 2024-05-20	鉴定单位盖章 (Seal of CVC)

批准:

黄鲲

审核:

张思瑶

检验:

林清源

Approved by:

黄鲲

Reviewed by:

张思瑶

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电池储能系统柜，其主要由 24 个电池模块、2 个高压箱、1 套储能变流器和 1 套空调系统构成，每个电池模块由 16 个电芯串联组成。</p> <p>The lithium battery goods mentioned in this report are battery energy storage system cabinets, which mainly consist of 24 battery modules, 2 high-voltage boxes, 1 Energy storage converter, and 1 air conditioning system. Each battery module is composed of 16 battery cells in series.</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：<u>RZUN2024-3239 / RZUN2024-3239-TS</u>。</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 <u>RZUN2024-3239 / RZUN2024-3239-TS</u>.</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；外壳通过了底部提升与跌落试验，试验报告编号为：WTS2024-10932</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; The shell has passed the bottom lifting and drop test, and the test report number is: WTS2024-10932.</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>备注: Remarks: 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

可充电锂离子电池存储系统/ Rechargeable Li-ion Battery Storage System
(GE-F120-2H2 614,4V 200Ah 122,8kWh)



Rechargeable Li-ion Battery Storage System			
Serial Number	XXXXXXXXXX	Frequency and Voltage	50/60Hz;3L/N/PE;400Vac
Model Name	GE-F120-2H2	Diesel Power Generation	50KW 50/60Hz;3L/N/PE;400Vac
Battery Composition	LiFePO ₄	Operating Temperature Range	-20~55°C
Nominal Voltage / Voltage Range	614.4Vdc/480~700.8Vdc	Ingress Rating	IP54
Rated Power	50KW	Noise Level@1m	≤80dB
Rated Energy	122.8KWh	Weight	2100kg
Max.Battery Current	100A	Dimension(W*D*H)	1783*1059*2235
Max.PV Input Power	65KW	Protective Class	I

Deye Ningbo Deye ESS Technology co.,Ltd.

样品照片
Photos of Samples

电池模组/ Battery Module (GE-F-Pack5.1-S 51,2V 100Ah 5,12kWh)



Deye

SN

Model: GE-F-Pack5.1-S

Battery Type	LiFePO4	Nominal Charge/Discharge Current	100A
Nominal Voltage	51.2Vdc	Charge Temperature	0°C~55°C
Rated Capacity	100Ah	Discharge Temperature	-20°C~55°C
Rated Energy	5.12kWh	Storage Temperature	0°C~35°C
Ingress Protection	IP20		

IFpP51/161/120[16S]M/-20+50/90



Ningbo Deye ESS Technology co.,Ltd.
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MADE IN CHINA

状
专用

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.
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