

Identification and Classification Report for Transport of Goods
运输危险性鉴别报告书

By Sea
海运

Dangerous Goods

(危险物品)

Name of Goods: Lithium iron phosphate battery pack ESS Pro 32kWh
51.2V 628Ah 32.1536kWh
货物名称: 磷酸铁锂电池组 ESS Pro 32kWh 51.2V 628Ah
32.1536kWh

Applicant's Name: NKON B.V.
委托方名称:

Report No.: TCT250902H020
报告编号:

Date of Issue: 2025.09.05
签发日期:

Date of Expire: 2025.12.31
有效期至:

Shenzhen TCT Testing Technology Co., Ltd.
深圳市通测检测技术有限公司

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Identification Purpose 鉴别目的	Dangerous Goods or not restricted 是否属于运输危险品	Identification Date 鉴别日期	2025.09.04~2025.09.05
Identification Criteria 鉴定依据	International Maritime Dangerous Goods (IMDG Code 2024 Edition Amdt 42-24) 《国际海运危险货物规则》(IMDG Code 2024 版 Amdt 42-24)		
Name of Goods 货物名称	Lithium iron phosphate battery pack ESS Pro 32kWh 51.2V 628Ah 32.1536kWh 磷酸铁锂电池组 ESS Pro 32kWh 51.2V 628Ah 32.1536kWh		
Applicant's Name 委托方名称	NKON B.V.		
Manufacturer's Name 制造商名称	NKON B.V.		
Battery information 电池信息	Type of Battery 电池类型	Li-ion Battery 锂离子电池	
	Model 型号	ESS Pro 32kWh	
	Battery number per packaging 每包装件电池数量	1PC	
	Battery number per net weight 每包装件电池净重	230.0kg	
Classification Conclusion 鉴别结论	(Dangerous Goods) 危险物品		
	UN No. (UN 编号):	UN3480	
	PSN(运输专用名称):	Lithium ion batteries	
	Class or Div. (危险性类别):	9	
	PG(包装等级):	/	
Comment 备注	Packagings must meet Packing Group II performance standard. 包装必须达到 II 级包装的性能标准。		

Appraiser by

主检人:

Renne Zhou 周丽君

Checker by

审核人:

Cherry Huang 黄娇玲

Approved by

批准人:

ZvonChen 陈祖铭

Stamp

报告单位(盖章)



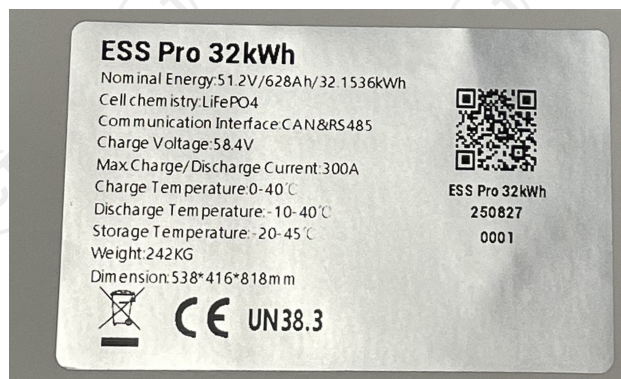
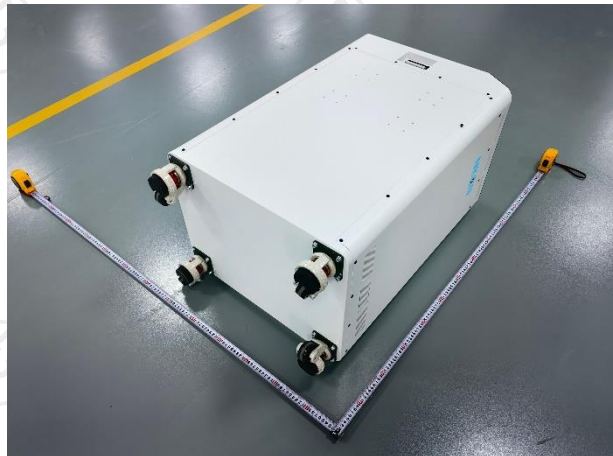
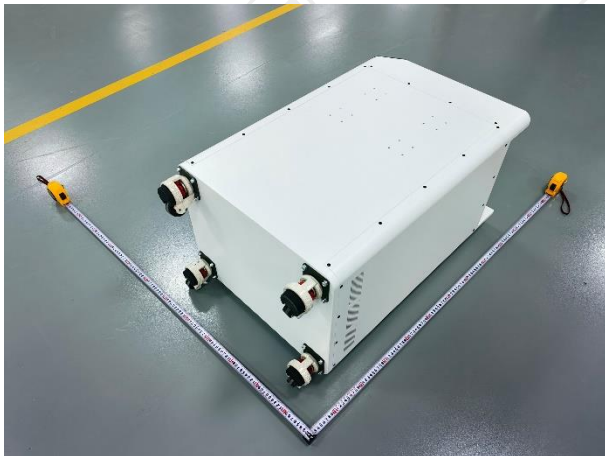
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Items of Inspection 检验项目名称		Inspection Results 检验结果
Watt-hour rating of the battery is 32.1536kWh. 该电池额定瓦特小时数为 32.1536kWh.		>100Wh
Each Lithium battery is of a type proved to meet the requirements of each test in the United Nations Manual of Tests and Criteria, Part III, sub-section 38.3. 锂电池已通过联合国《试验和标准手册》第III部分 38.3 测试。		Conform/符合
Each package is capable of withstanding a 1.2m drop test. 锂电池包装件通过 1.2 米跌落试验。		Not applicable/不适用
Batteries be manufactured under a quality management programme. 电池按照规定的质量管理体系进行制造。		Conform/符合
Lithium batteries listed in this report are not damaged or defective lithium batteries. 本报告所述锂电池不属于有缺陷或已损坏的锂电池。		Conform/符合
The lithium batteries don't belong to batteries returned to the manufacturer for safety reasons, are not waste lithium batteries and not lithium batteries being shipped for recycling or disposal. 该锂电池不属于召回电池,不属于废弃和回收电池。		Conform/符合
Lithium batteries are equipped with an effective means of preventing external short circuits, and equipment shall take measures to avoid unintentional start. 本报告所述锂电池具有适当的防外部短路措施, 设备必须采取措施防止意外启动。		Conform/符合
Lithium batteries shall be packed in inner packaging that completely enclose the cells or batteries. 本报告所述锂电池需装在完全将其封闭的内包装内。		Conform/符合
The inner packagings shall be packed in strong outer packaging constructed of suitable materials. 内包装须装入由适当材料构造的坚固外包装件内。		Conform/符合
Each package shall be marked with the appropriate lithium battery mark. 每个包装件应贴锂电池标记		Not applicable/不适用
Comment 备注	Lithium batteries listed in this report are of the types proven to meet the requirements of each applicable test in the UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/Subsection 38.3. 本鉴定书所述锂电池已通过联合国《试验和标准手册》(第八修订版) 38.3 节相应测试要求。	
	UN 38.3 report No. UN 38.3 报告编号	TCT250902B020

Appendix Photos 附录图片:

Sample 样品:



Package 包装:



STATEMENT

声明

1. The certificate is issued by The TCT according to IMO IMDG Code published in the current year and the information of the goods and its shipment provided by the client (shipper or its agent).

本鉴定报告依据本年度国际海事组织《国际海运危险货物规则》、委托人（托运人或代理人）提供的物品及其运输信息出具。

2. The certificate is only responsible for the sample provided by the client.

本鉴定报告的鉴定结论仅对样品负责。

3. The client should provide samples and relevant data, at the same time, and they should guarantee that the name they declared is the same as the samples they provided and the goods to be transported.

客户必须如实提供样品及资料，并保证申报品名和样品与运输货物相同。

4. The certificate will be effective only after it is signed by the inspector, checker, and approver, and stamped.

本鉴定报告经检验人、审核人、批准人签字并加盖检验印章后生效。

5. The certificate must not be copied wholly or partly. The certificate is invalid if anything of the following happens, such as illegal transfer, reproduction, embezzlement, imposture, modification or tampering in any media form.

本鉴定报告不得全部或部分复制，复制无效。本鉴定报告私自转让、复制、盗用、冒用、涂改或以任何媒体形式篡改的均属无效。

6. The certificate takes no account of the State and Operator Variations.

本鉴定报告不考虑国家及经营人差异。

7. This certificate is only valid within the current year.

本鉴定报告仅在本年度内有效。

8. Objections to the certificate must be submitted to TCT within 15 days.

对鉴定报告若有异议，应于收到报告之日起十五日内向本机构提出。

Testing Laboratory: Shenzhen TCT Testing Technology Co., Ltd.

检验机构：深圳市通测检测技术有限公司

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