



中国认可  
检验  
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CNAS IB0078

危险物品  
DANGEROUS GOODS

仅限货机运输

# 航空运输危险性鉴别报告

## Identification and Classification Report for Air Transport of Goods

报告编号:

PEKQD202411270108QM080001

Issued No.:

生效日期:

2025.01.01

Effective Date:

此报告本年度有效  
有效期至2025年12月31日

委托单位:

惠州市鸿德新能源科技有限公司

Applicant:

Huizhou Hongde New Energy Technology Co., Ltd.

物品名称:

圆柱锂离子可充电电芯 HD 18500 3.7V 1400mAh 5.18Wh

Name of Goods:

Cylindrical Lithium-ion Rechargeable Cell HD 18500 3.7V 1400mAh 5.18Wh

北京迪捷姆空运技术开发有限公司

Beijing DGM Air Transport Technology Development Co.,Ltd.



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项目编号 Item No.	PEKQD202411270108	签发日期 Issued Date	2024. 12. 03
鉴别目的 Identification Purpose	是否属于航空运输危险物品 Dangerous Goods or not restricted	鉴别日期 Identification Date	2024. 12. 02
鉴别依据 Identification Criteria	IATA DGR 66th, 2025		
物品名称 Name of Goods	中文 Chinese	圆柱锂离子可充电电芯 HD 18500 3.7V 1400mAh 5.18Wh	
	英文 English	Cylindrical Lithium-ion Rechargeable Cell HD 18500 3.7V 1400mAh 5.18Wh	
生产厂家 Manufacturer	惠州市鸿德新能源科技有限公司 Huizhou Hongde New Energy Technology Co., Ltd.		
件数 Pieces		托运人或托运人代理人声明 本人（本单位）声明：上述运输信息填写真实、准确，鉴别报告已获得委托单位的授权使用，实际运输的货物情况与本鉴别报告一致。如因信息填写错误、实际运输的货物情况与本鉴别报告不一致造成的一切后果，由本人（本单位）承担全部责任，并赔偿对承运人造成的全部损失。 托运人或托运人代理人签字： 盖章：	
运单号 Air waybill No.			
目的港 Destination			
物品信息 Nature of the goods	该样品为蓝色圆柱体电芯。 型号：HD 18500 尺寸：Φ18.2*49.0(mm) 每包装件中电池/电芯数量：200 每包装件中电池/电芯净重：6.66kg 该电芯已经做好防短路措施并装入坚固的外包装内。 该锂电芯不属于召回电芯，不属于废弃和回收电芯，并按照DGR3.9.2.6.1(e)规定的质量体系进行制造 根据委托方所提供的声明：本报告所述锂离子电池（或电芯）交付运输时，其荷电状态不超过设计额定容量的30%。 (注：单块电芯的重量约为33.3g。该电芯由塑料袋单独包装，以防止短路。) This sample is blue cylinder cell. Model: HD 18500 Size: Φ18.2*49.0(mm) Number of batteries / cells per package: 200 Net quantity of batteries/cells per package: 6.66kg Cells have been protected so as to prevent short circuits and packed in strong rigid outer packagings. The lithium cells don't belong to cells returned to the manufacturer for safety reasons, are not waste lithium cells and not lithium cells being shipped for recycling or disposal, are manufactured under a quality management program as described in 3.9.2.6.1(e). Lithium ion cells and batteries must be offered for transport at a state of charge(SoC) not exceeding 30% of their rated design capacity.		



项目编号 Item No.		PEKQD202411270108		
物品名称 Name of Goods	中文 Chinese	圆柱锂离子可充电电芯 HD 18500 3.7V 1400mAh 5.18Wh		
	英文 English	Cylindrical Lithium-ion Rechargeable Cell HD 18500 3.7V 1400mAh 5.18Wh		
鉴别结论 Conclusions		<p>该物品为锂离子/聚合物电芯，单独包装。额定瓦特小时为5.18Wh。已通过 UN38.3 测试，已通过包装件1.2米跌落试验，包装件通过3米堆码试验，每个包装件上均有锂电池标记。</p> <p>参考有关资料，根据DGR有关规定，该物质分类识别为第9类（或项）危险品，UN3480。 This goods is lithium ion/polymer cell, packed individually. Watt-hour rating is 5.18Wh. Each battery is of a type proved to meet the Requirements of each test in the UN MANUAL OF TESTS AND CRITERIA, Part III, sub-section 38.3, Each package is capable of withstanding a 1.2m drop test in any orientation without damage to the cells contained therein, without shifting of the contents so as to allow cell to cell contact and without release of contents, The package is capable of withstanding the 3m stack test, Each package is marked with lithium battery mark.</p> <p>According to IATA DGR this substance is classified as dangerous goods Class (or division)9, UN3480.</p>		
运输危险性建议 Suggestion for Transport	UN/ID 编号 UN/ID No.	运输专用名称 Proper Shipping Name		类或项 Class or Div. (次要危险性) (Subsidiary Risk)
	UN3480	Lithium ion batteries		9
	包装说明 Packing Inst.	客货机 Passenger and Cargo Aircraft	Forbidden	
		仅限货机 Cargo Aircraft only	965 IB	
	注意事项 Remarks	<p>每一单电芯必须做好防短路措施，并装入坚固外包装内。 each single cell must be packed in such a way as to prevent short circuits under the normal conditions and packed in strong outer packing.</p>		
主检员 Prepared by:	马聚涛	审核人 Checked by:	石芸杰	批准人 Approved by:
				宋芳
				报告单位（盖章） Stamp
				03

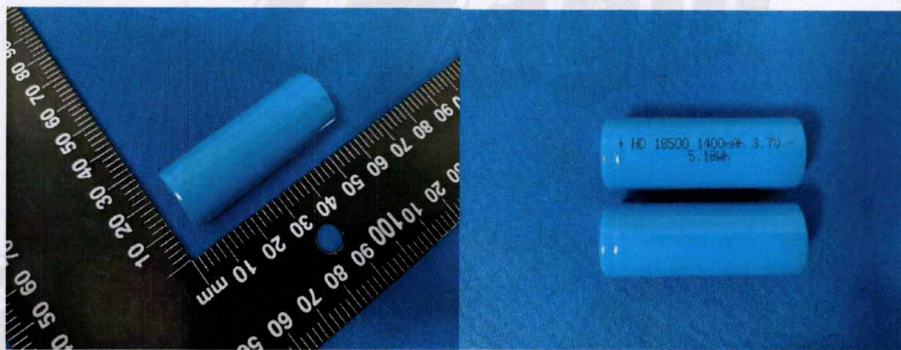
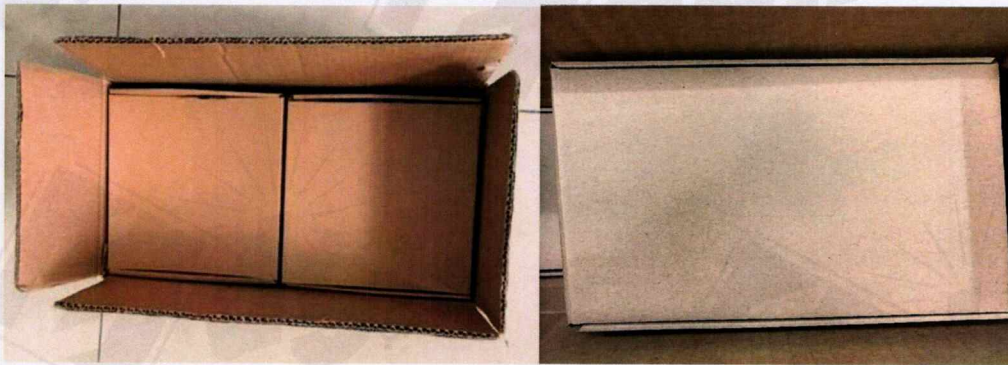
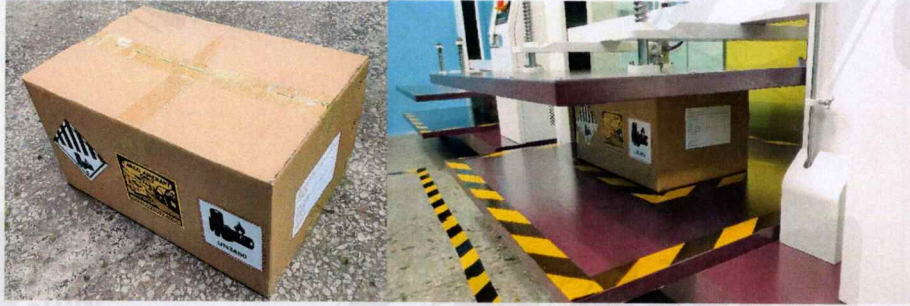
制单： 马聚涛



# 圆柱锂离子可充电电芯 HD 18500 3.7V 1400mAh

5.18Wh

PEKQD202411270108



# 锂电池 UN38.3 试验概要 Lithium Battery Test Summary

项目编号: PEKQD202411270108

单位信息 Company Information					
委托单位 Consignor	惠州市鸿德新能源科技有限公司 Huizhou Hongde New Energy Technology Co., Ltd. 博罗县园洲镇桔龙村胜丰集团二期华登科技园第二栋第三层 Floor 3, building 2, Huadeng Science Park, Shengfeng group phase II, Julong village, Yuanzhou Town, BOLUO County 电话/Tel: +86-752-6810558 邮箱/Mail: 754402976@qq.com				
生产单位 Manufacturer	惠州市鸿德新能源科技有限公司 Huizhou Hongde New Energy Technology Co., Ltd. 博罗县园洲镇桔龙村胜丰集团二期华登科技园第二栋第三层 Floor 3, building 2, Huadeng Science Park, Shengfeng group phase II, Julong village, Yuanzhou Town, BOLUO County 电话/Tel: +86-752-6810558 邮箱/Mail: 754402976@qq.com				
测试单位 Test Lab	众检检验认证(深圳)有限公司/CMC Testing International (Shenzhen) Co., Ltd. 中国广东省深圳市宝安区福海街道和平社区荔园路恺辉茂工业园厂房 B 栋 101 101, Building B, Kaihuimao Industrial Park, Liyuan Road, Heping Community, Fuhai Street, Baoan District, Shenzhen, Guangdong, China 电话/Tel: 400-1668-320 邮箱/Mail: info@cmcjz-lab.com 网址/Website: www.cmcjz-lab.com				
电池信息 Battery Information					
名称 Name	圆柱锂离子可充电电芯 Cylindrical Lithium-ion Rechargeable Cell	电池/电芯类别 Battery/Cell Classification		锂离子电芯 Li-ion Cell	
型号 Type	HD 18500	商标 Trademark		/	
额定电压 Normal Voltage	3.7V	额定容量 Rated Capacity		1400mAh	
额定能量 Watt-hour rating	5.18Wh	外观/Appearance		蓝色圆柱体 Blue Cylinder	
质量/Mass	33.3g	锂含量/Li Content		不适用 N/A	
测试信息 Test Information					
测试报告编号 Test Report Number	CMC221121042		测试报告签发日期 Date of Test Report	2022.12.05	
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《试验和标准手册》(第7版) 38.3 节 UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/Subsection 38.3				
T.1: 高度模拟 Altitude Simulation	通过 Pass	T.2: 温度试验 Thermal Test	通过 Pass	T.3: 振动 Vibration	通过 Pass
T.4: 冲击 Shock	通过 Pass	T.5: 外部短路 External Short Circuit	通过 Pass	T.6: 撞击/挤压 Impact/Crush	通过 Pass
T.7: 过度充电 Overcharge	不适用 N/A	T.8: 强制放电 Forced Discharge	通过 Pass		
UN38.3.3(f)	不适用 N/A		UN38.3.3(g)	不适用 N/A	
签名 Signatory 职务 Title	马黎涛 检验员		签发日期 Issued Date	2024.11.27 DGM-CHINA	