



中国认可  
检验  
INSPECTION  
CNAS IB0078

危险物品  
DANGEROUS GOODS

## 航空运输条件鉴别报告书

### Identification and Classification Report for Air Transport of Goods

度有效  
12月31日

此报告本年度有效  
有效期至2022年12月31日

报告编号: PEKGZ202112291862YX770001

Issued No.:

生效日期:

2022. 01. 01

Effective Date:

委托单位: 深圳市比苛电池有限公司

Applicant: SHENZHEN PKCELL BATTERY CO., LTD.

物品名称: 可充电锂电池ICR18650 3350mAh 3.7V 12.395Wh

Name of Goods: Lithium Rechargeable Battery ICR18650 3350mAh 3.7V 12.395Wh

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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The report is issued by DGM China according to IATA *Dangerous Goods Regulations* published in the current year and the information of the goods and the information of its shipping provided by the applicant (shipper or his agent).

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According to the demand of identification and classification, DGM China requires the applicant to provide true and exact sample and data of the cargo.

3. 委托人保证申报的物品和/或提供的样品与交运的货物是同一种物质。

The applicant guarantees that the declared goods and/or the sample who provides should be identical with the contents of cargo that is to be transported.

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DGM China is only responsible for the identification and classification of the sample provided by the applicant.

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项目编号 Item No.		PEKGZ202112291862	签发日期 Issued Date	2022. 01. 02
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	2021. 12. 30
鉴别依据 Identification Criteria		IATA DGR 63rd, 2022		
物品名称 Name of Goods	中文 Chinese	可充电锂电池ICR18650 3350mAh 3.7V 12.395Wh		
	英文 English	Lithium Rechargeable Battery ICR18650 3350mAh 3.7V 12.395Wh		
生产厂家 Manufacturer		深圳市比苛电池有限公司 SHENZHEN PKCELL BATTERY CO., LTD.		
件数 Pieces		注：本栏内容为托运人或其代理人在使用本报告书时候填写的运输信息，不属于鉴定内容。运输信息与报告书的关联性以及实际运输货物与报告书的一致性由托运人或其代理人保证，如发生任何不一致由托运人或其代理人承担全部责任。 (请认真填写本栏内容，并盖章) 负责人：                    联系方式：		
运单号 Air waybill No.				
目的港 Destination				
物品信息 Nature of the goods		<p>该样品为紫色近圆柱体电芯。          型号：ICR18650 3350mAh          商标：PKCELL          尺寸：φ18.2mm*65.0mm          每包装件中电池/电芯数量：200          每包装件中电池/电芯净重：9.52kg          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(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47.6g。该电芯的UN38.3检测报告由深圳诺测检测技术有限公司出具，报告编号：NCT210471250XB1-1。该电芯的1.2米跌落测试报告由深圳诺测检测技术有限公司出具，报告编号：NCT210471250XB1-2。）          该电芯的UN38.3试验概要由北京迪捷姆空运技术开发有限公司出具，详见附页。          This sample is purple approximate cylinder cell.          Model: ICR18650 3350mAh          Trademark: PKCELL          Size: φ18.2mm*65.0mm          Number of batteries / cells per package: 200          Net quantity of batteries/cells per package: 9.52kg          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(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.</p>		





项目编号 Item No.		PEKGZ202112291862			
物品名称 Name of Goods	中文 Chinese	可充电锂电池ICR18650 3350mAh 3.7V 12.395Wh			
	英文 English	Lithium Rechargeable Battery ICR18650 3350mAh 3.7V 12.395Wh			
鉴别结论 Conclusions		<p>该货物为锂离子/聚合物电芯，单独包装。额定瓦特小时为12.395Wh。已通过 UN38.3 测试，已通过包装件1.2米跌落试验，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 12.395Wh.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,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>			
建议运输条件 Suggestion for Transport Condition	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)	包装等级 Packing Group
	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	本货物仅限货机运输。 The goods can be transported on cargo aircraft only.			
主检员 Prepared by:		审核人 Checked by:		批准人 Approved by:	
张园梁		罗涛		[Red Stamp]	
				报告单位（盖章） Stamp	

制单： 芦一萱



北京迪捷姆空运技术开发有限公司

项目编号: PEKGZ202112291862

物品名称: 可充电锂电池 ICR18650 3350mAh 3.7V 12.395Wh

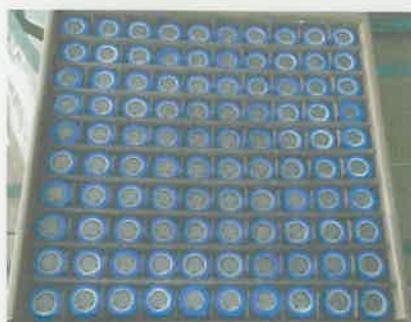
电池/电芯 Battery / Cell:



此报  
有效期



包装件 Package:



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

项目编号: PEKGZ202112291862

单位信息 Company Information					
委托单位 Consignor	深圳市比苛电池有限公司 深圳市龙华区人民路壹成环智中心 B 座 7 楼 电话/Tel: +86-13727580105 邮箱/Mail: 3004814533@qq.com 网址/Website:http://www.pkcell.com				
生产单位 Manufacturer	深圳市比苛电池有限公司 深圳市龙华区人民路壹成环智中心 B 座 7 楼 电话/Tel: +86-13727580105 邮箱/Mail: 3004814533@qq.com 网址/Website:http://www.pkcell.com				
测试单位 Test Lab	深圳诺测检测技术有限公司 广东省深圳市宝安区西乡街道固戍航城大道绵商青年创业园 B 栋第 1 层、 C 栋 2 层 2A 电话/Tel: +86-755-27790922 邮箱/Mail: sales@nct-testing.com 网址/Website: http://www.ncttesting.com				
电池信息 Battery Information					
名称 Name	可充电锂电池 Lithium Rechargeable Battery	电池/电芯类别 Battery/Cell Classification		锂离子电芯 Li-ion Cell	
型号 Type	ICR18650 3350mAh	商标 Trademark		PKCELL	
额定电压(V) Normal Voltage(V)	3.7V	额定容量(mAh) Rated Capacity(mAh)		3350mAh	
额定能量(Wh) Watt-hour rating (Wh)	12.395Wh	外观/Appearance		紫色近圆柱体 Approximate Purple Cylinder	
质量(g)/Mass(g)	47.6g	锂含量(g)/Li Content(g)		N/A	
测试信息 Test Information					
测试报告编号 Test Report Number	NCT210471250XB1-1	测试报告签发日期 Date of Test Report		2021.12.18	
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《关于危险货物运输的建议书-试验和标准手册》(第 7 版) 38.3 节 UN Recommendations on the Transport of Dangerous Goods 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	 检验员		签发日期 Issued Date		