



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

此报告本年度有效  
有效期至2022年12月31日

报告编号:

Issued No.:

PEKGZ202112023163YX400001

生效日期:

Effective Date:

2022. 01. 01

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:

锂离子电芯 ICR14500 3.7V 800mAh 4.44Wh

Name of Goods:

Li-ion Cell ICR14500 3.7V 800mAh 4.44Wh

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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项目编号 Item No.	PEKGZ202112023163	签发日期 Issued Date	2021. 12. 06
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. 03
鉴别依据 Identification Criteria	IATA DGR 63rd, 2022		
物品名称 Name of Goods	中文 Chinese	锂离子电芯 ICR14500 3.7V 800mAh 4.44Wh	
	英文 English	Li-ion Cell ICR14500 3.7V 800mAh 4.44Wh	
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>该样品为蓝色近圆柱体电芯。 型号：ICR14500 尺寸：(Φ14.5*50.5)mm 每包装件中电池/电芯数量：400 每包装件中电池/电芯净重：7.88kg 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：单块电芯重量约为19.7g。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：NCT21015243XB1-1。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：NCT21015243XB1-2。) 该电芯的UN38.3试验概要由深圳诺测检测技术有限公司出具，详见附件。 This sample is blue approximate cylinder cell. Model: ICR14500 Size: (Φ14.5*50.5)mm Number of batteries / cells per package: 400 Net quantity of batteries/cells per package: 7.88kg 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.		PEKGZ202112023163			
物品名称 Name of Goods	中文 Chinese	锂离子电芯 ICR14500 3.7V 800mAh 4.44Wh			
	英文 English	Li-ion Cell ICR14500 3.7V 800mAh 4.44Wh			
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4.44Wh。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 4.44Wh.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:	
罗涛		梁生		杨明	
				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: PEKGZ202112023163

物品名称: 锂离子电芯 ICR14500 3.7V 800mAh 4.44Wh

电池/电芯 Battery / Cell:



此报  
有效期

公司限制分类主

包装件 Package:



## UN38.3 测试概要

### UN38.3 Test Summary

按照《试验和标准手册》第 38.3 小节对锂电池或锂电池组进行试验的情况概要  
Lithium cell or battery test summary in accordance with sub-section 38.3 of Manual of Tests and Criteria

<b>Product Name</b> 产品名称	Li-ion Cell 锂离子电芯	<b>Sample Model</b> 样品型号	ICR14500
<b>Basic parameter</b> 基本参数	3.7V, 800mAh	<b>Product Type</b> 产品类型	Lithium ion Cell 锂离子电芯
<b>Rated Energy</b> 额定能量	4.44Wh	<b>Lithium Content</b> 锂含量	--
<b>Sample Mass</b> 样品重量	19.7g	<b>Sample Physical description</b> 样品物理形态	Blue, Cylindrical, Solid 蓝色, 圆柱形, 固体
<b>Client</b> 委托方	SHENZHEN PKCELL BATTERY CO., LTD. 深圳市比苛电池有限公司		
<b>Client Address</b> 委托方地址	7th Floor, block B, Yicheng Huanzhi center, Renmin Road, Longhua District, Shenzhen, China. 深圳市龙华区人民路壹成环智中心 B 座 7 楼		
<b>Manufacturer</b> 制造商	SHENZHEN PKCELL BATTERY CO., LTD. 深圳市比苛电池有限公司		
<b>Manufacturer Address</b> 制造商地址	7th Floor, block B, Yicheng Huanzhi center, Renmin Road, Longhua District, Shenzhen, China. 深圳市龙华区人民路壹成环智中心 B 座 7 楼		
<b>Factory</b> 工厂	SHENZHEN PKCELL BATTERY CO., LTD. 深圳市比苛电池有限公司		
<b>Factory Address</b> 工厂地址	7th Floor, block B, Yicheng Huanzhi center, Renmin Road, Longhua District, Shenzhen, China. 深圳市龙华区人民路壹成环智中心 B 座 7 楼		
<b>Manufacturer's contact information</b> 制造商联系信息	<b>Phone number</b> 电话号码	+86-13727580105	
	<b>Email address</b> 电子邮箱地址	3004814533@qq.com	
	<b>Website</b> 网址	<a href="http://www.pkcell.com">http://www.pkcell.com</a>	

<b>UN38.3 Test Report No.</b> <b>UN38.3 测试报告编号</b>	NCT21015243XB1-1	<b>Test Date</b> <b>测试时间</b>	2021.04.07 - 2021.04.21
<b>Test No. 测试编号</b>	<b>Test item 测试项目</b>	<b>Conclusion 结论</b>	
T1	Altitude simulation 高度模拟	Pass 合格	
T2	Thermal test 温度试验	Pass 合格	
T3	Vibration 振动	Pass 合格	
T4	Shock 冲击	Pass 合格	
T5	External short circuit 外部短路	Pass 合格	
T6	Impact/Crush 撞击/挤压	Pass 合格	
T7	Overcharge 过度充电	Not Applicable 不适用	
T8	Forced discharge 强制放电	Pass 合格	
<b>Test Reference</b> <b>测试依据</b>	UNITED NATIONS "Manual of Tests and Criteria" (ST/SG/AC.10/11/Rev.7 Section 38.3) 联合国《试验和标准手册》第七修订版第 38.3 节。		
<b>Assembled Battery Description</b> <b>集成电池组说明</b>	Not applicable for 38.3.3(f), 38.3.3(g). 不适用 38.3.3(f), 38.3.3(g) 测试要求。		
<b>Test Laboratory</b> <b>测试实验室</b>	Shenzhen NCT Testing Technology Co., Ltd. 深圳诺测检测技术有限公司		
<b>Test Lab's Address</b> <b>测试实验室地址</b>	2A, 2/F., Building C and 1/F., Building B, Mianshang Younger Pioneer Park, Hangcheng Road, Gushu, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China 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		
<b>Test Lab's Phone</b> <b>测试实验室电话</b>	+86-755-27790922		
<b>Test Lab's Email</b> <b>测试实验室邮箱</b>	sales@nct-testing.com		
<b>Test Lab's Website</b> <b>测试实验室网址</b>	http://www.ncttesting.com		
<b>Tested by</b> <b>主检人</b>	<i>Michael Lei</i>	<b>Test Engineer</b> <b>测试工程师</b>	 
<b>Inspected by</b> <b>审核人</b>	<i>Hely Wang</i>	<b>Technical Manager</b> <b>技术经理</b>	
<b>Approved by</b> <b>批准人</b>	<i>Boris Lam</i>	<b>Technical Director</b> <b>技术总监</b>	