



中国认可  
国际互认  
检验  
INSPECTION  
CNAS IB0551



报告编号./Certification No.:  
JSDC20200218M501

# 货物海运条件鉴定报告书

## Certification for Safe Transport of Goods by Sea

### 非限制性货物 Non-restricted Goods

货物名称: 锂离子电池: NTA3484-1  
Name of Goods: Li-ion Battery: NTA3484-1

委托单位: 深圳金山电池有限公司  
Applicant: GP Batteries(Shenzhen) Company Limited

生产单位: 深圳金山电池有限公司  
Factory: GP Batteries(Shenzhen) Company Limited

主检 Appraised by	审核 Reviewed by	批准 Approved by
Zhuo hui he	Chen Huang	Hongbin Xu

广州邦禾检测技术有限公司

Guangzhou MCM Certification & Testing Co., Ltd.



货物名称 Goods Name	锂离子电池: NTA3484-1 Li-ion Battery: NTA3484-1			
电池信息 Battery information	电池类型 Battery type	锂离子电池 Lithium ion Battery		
	型号规格 Type/ Mode	NTA3484-1 3.6V 2200mAh 7.92Wh		
包装信息 Package information	包装件重量 Package's Mass	7.70kg	设备数量 Equipment's Qty.	/
	电池净重 Batteries' Mass	7.17kg	电池数量 Batteries' Qty.	160pcs
委托单位 Applicant	深圳金山电池有限公司 GP Batteries(Shenzhen) Company Limited			
	深圳市坪山新区深圳出口加工区兰竹路海翔工业园 A-1 栋 A-1 Building, Haixiang Industrial Park, Lanzhu Road, Shenzhen Export Processing Zone, Pingshan, Shenzhen, China			
生产单位 Factory	深圳金山电池有限公司 GP Batteries(Shenzhen) Company Limited			
	深圳市坪山新区深圳出口加工区兰竹路海翔工业园 A-1 栋 A-1 Building, Haixiang Industrial Park, Lanzhu Road, Shenzhen Export Processing Zone, Pingshan, Shenzhen, China			

检查方法、程序 Inspection method and procedure	国际海事组织《国际海运危险货物规则》(2018 版) IMO International Maritime Dangerous Goods Code (2018 Edition)		
样品接受日期 Sample Receive date	2020.02.21	鉴定完成日期 Inspection date	2020.02.21
有效日期 Effective date	2020.02.21 - 2020.12.31		
鉴定结论 Certification	1) 危险品识别(Hazards identification): 无/None		
	2) 海运按照国际海事组织《国际海运危险货物规则》操作方式 (Operational mode according to IMO IMDG Code): 根据特殊规定 188, 该货物不受 IMO IMDG Code 限制 According to special provision 188, the goods are not restricted to IMO IMDG Code.		
	3) 包装要求(Packing requirements): 可按照普通货物包装要求包装 The goods are packaged according to the packaging requirement of ordinary goods.		
	签发日期: Issue Date: Feb.21, 2020	鉴定单位检验专用章 (Stamp)	
备注/comment	/		



检查结果及其它事项 Inspection results and other things			
条款 Clause	要求 Requirement	结果 Result	判断 Criteria
<b>Special provision 188</b>			符合
188-1)	对于锂金属或锂合金电芯，锂含量不可以超过 1g； 对于锂离子电芯，瓦时数不可以超过 20Wh。 For a lithium metal or lithium alloy cell, the lithium content is not more than 1g; Lithium ion cell, the watt-hour rating is not more than 20Wh;	锂离子电芯 Lithium ion cell: 7.92Wh	不适用 Not applied
188-2)	对于锂金属或锂合金电池，锂含量不可以超过 2g； 对于锂离子电池，瓦时数不可以超过 100Wh。除 2009 年 1 月 1 日前生产的电池以外，所有锂离子电池的外壳必须标上瓦时数。 For a lithium metal or lithium alloy battery, the aggregate lithium content is not more than 2g; Lithium ion batteries, the watt-hour rating is not more than 100Wh. Lithium ion batteries subject to this provision shall be marked with the watt-hour rating on the outside case, except those manufactured before 1 January 2009;	/	符合 Pass
188-3)	每个电芯或电池满足以下要求。 Each cell or battery meets the provision as below;	满足要求 Met the provision	符合 Pass
	—2.9.4.1 关于锂电池的运输测试	Report No. JSDC20180115Z01	
	—2.9.4.5 关于生产的质量控制	满足要求 Met the provision	
	—2.9.4.6 关于由锂原电芯和可充锂电芯组成的锂电池的要求	不适用 Not applied	
	—2.9.4.7 关于锂电池的测试概要	Report No. JSDC20200218UG01	
188-4)	除安装在设备里的电芯和电池应有内包装将电芯或电池隔开，每个电芯和电池应防短路保护，这包括保护与导电材料接触在同一包装，可能会导致电路短路。内包装材料应包装在坚固的外包装（满足 4.1.1.1, 4.1.1.2 和 4.1.1.5 条款的）。 Cells and batteries, except when installed in equipment, shall be packed in inner packagings that completely enclose the cell and battery. Cell and batteries shall be protected so as to prevent short circuits. This includes protection against contact with electrically conductive material within the same packaging that could lead to a short circuit. The inner packagings shall be packed in strong outer packagings which conform to the provisions of 4.1.1.1, 4.1.1.2, and 4.1.1.5.	已有相当防护措施 Equivalent protection is existed	符合 Pass
188-5)	电芯和电池安装设备里应避免损坏和短路电池，以及设备应配备防止意外启动的有效手段。本要求不适用于这是有意的主动运输设备（无线射频识别（RFID）发射机，手表，传感器等），这是不能够产生一个危险的热演化。当电池安	/	不适用 Not applied



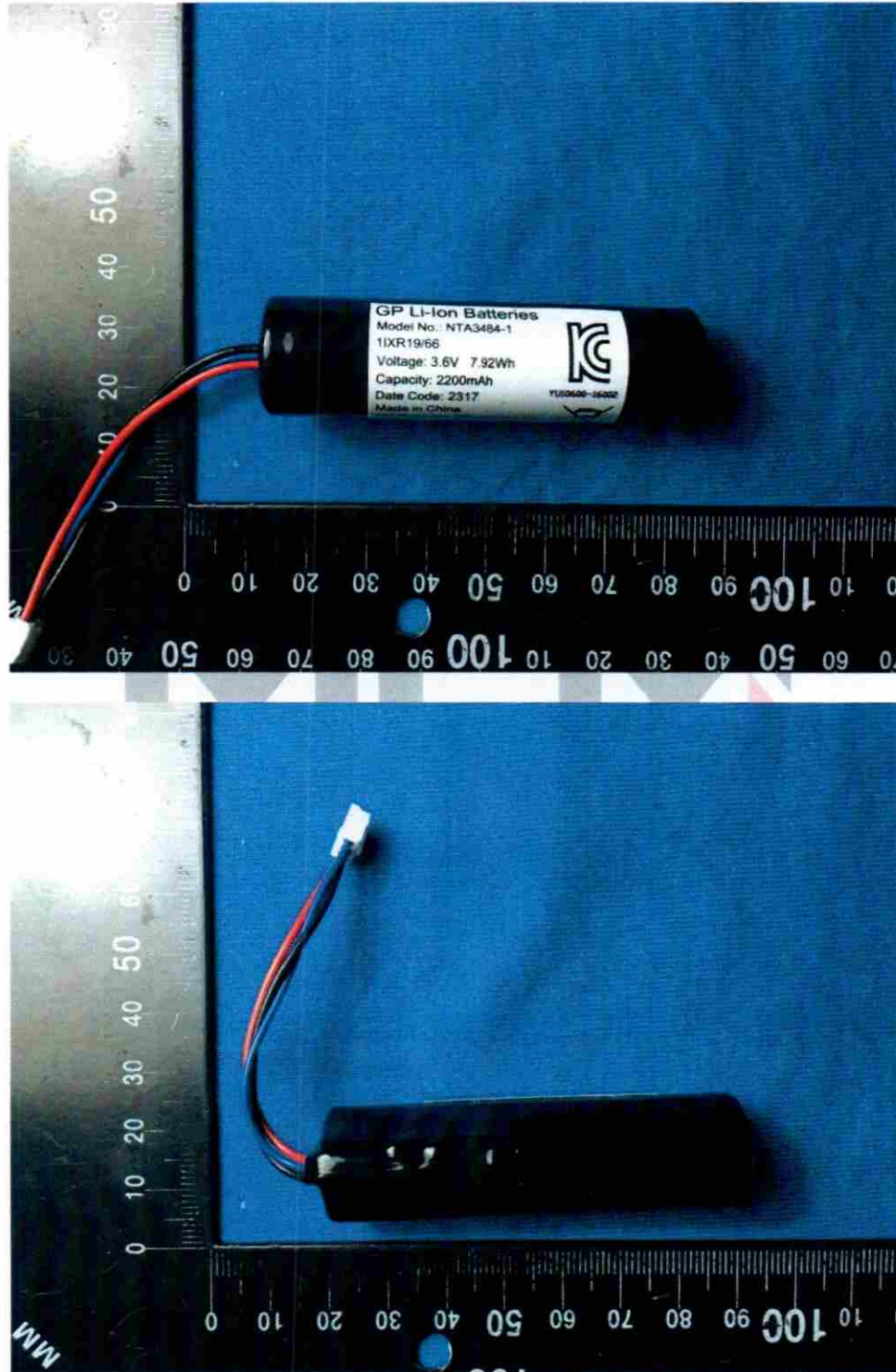
	<p>装设备，该设备应包装在坚固的外包装由具有足够强度和相对包装的容量和用途设计合适的材料，除非电池提供同等保护的设备。</p> <p>Cells and batteries when installed in equipment shall be protected from damage and short circuit, and the equipment shall be equipped with an effective means of preventing accidental activation. This requirement does not apply to devices which are intentionally active in transport (radio frequency identification (RFID) transmitters, watches, sensors, etc.) and which are not capable of generating a dangerous evolution of heat. When batteries are installed in equipment, the equipment shall be packed in strong outer packagings constructed of suitable material of adequate strength and design in relation to the packaging's capacity and its intended use unless the battery is afforded equivalent protection by the equipment in which it is contained;</p>		
188-6)	<p>每个包装件应有锂电池操作标签（如 5.2.1.10 所示）。</p> <p>Each package shall be marked with the appropriate lithium battery mark, as illustrated in 5.2.1.10;</p>	<p>见第 6 页的包装照片</p> <p>See the package photo of page 6</p>	<p>符合</p> <p>Pass</p>
188-7)	<p>除电池安装在设备里外，每个包装件都需要经受任意方向的 1.2m 跌落测试（在不损害电池或电池所包含的任何方向，电芯或电池间不能有接触，或不存在内容物的释放）。</p> <p>Except when batteries are installed in equipment, each package shall be capable of withstanding a 1.2m drop test in any orientation without damage to cells or batteries contained therein, without shifting of the contents so as to allow battery (or cell to cell) contact and without release of contents;</p>	<p>跌落测试报告</p> <p>Drop test report number: JSDC20180202D01</p>	<p>符合</p> <p>Pass</p>
188-8)	<p>除电池安装在设备里或与设备一起包装，包装件不能超过 30kg。</p> <p>Except when batteries are installed in or package with equipment, packages shall not exceed 30kg gross mass.</p>	<p>包装件重量</p> <p>The package weight: 7.70kg</p>	<p>符合</p> <p>Pass</p>
	<p>本特别规定所称设备，是指锂电芯和电池为其运行提供电能的装置</p> <p>As used in this special provision "equipment" means apparatus for which the lithium cells and batteries will provide electrical power for its operation.</p>		



样品照片及标识

Photos of samples and markings

Battery (NTA3484-1 3.6V 2200mAh 7.92Wh)





注 意 事 项

Important

1. 依据鉴定的需要，本公司要求委托人提供真实、完整的货物样品及资料  
According to the demand of identification and classification, MCM requires the applicant to provide true and exact sample and data of the cargo.
2. 申请人提供的样品须与实际运输货物一致。  
The goods of transporting must be insured conformity with the identification of the Samples.
3. 本公司仅对样品的鉴定结果负责。  
MCM is only responsible for the identification and classification of the sample provided by the applicant.
4. 本鉴定报告书经批准人、审核人及鉴定人签名并盖本公司检验专用章、骑缝章后生效。  
This report will be effective only after it is signed by the Approver, Reviewer and Appraiser, and stamped by the special seal for testing and Paging seal of MCM.
5. 未经本公司书面批准，不得复制本报告。  
The duplicating of this report is prohibited without the written approval of MCM.
6. 私自转让、复制、盗用、冒用、涂改或以任何媒体形式篡改的报告无效。  
The report is the invalid when anything of the following-illegal transfer, reproduce, embezzlement, imposture, modification or tampering in any media form.
7. 报告仅在本年度内有效。  
This report is only valid within the year.

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- End the certification report -