



Pony Testing International Group



海运 By Sea

报告编号(Report ID): W03083024111D



货物运输检测报告

Cargo Transportation Test Report

危险品

Dangerous Goods



样品名称	锂离子动力电池 WB-LYP200AHA
(Samples)	Li-ion Power Battery WB-LYP200AHA
委托单位	温斯顿电池制造有限公司
(Client)	Winston Battery Ltd.
生产单位	温斯顿电池制造有限公司
(Manufacturer)	Winston Battery Ltd.

PONY 谱尼测试
Pony Testing International Group
www.ponytest.com

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样品名称 Name & Model	锂离子动力电池 WB-LYP200AHA		
	Li-ion Power Battery WB-LYP200AHA		
委托单位 Applicant	温斯顿电池制造有限公司		
	Winston Battery Ltd.		
公司地址 Address	深圳市宝安区公明镇李松荫第三工业区温斯顿工业园		
	No.3 Industrial Zone, Lisonglang Village, Gongming Town, Bao'an District, Shenzhen City, PRC.		
样品外观及性状 Appearance & Odor	该样品为固体, 标称电压为 3.2V, 额定电容量为 200Ah, 电能为 640Wh。 The sample is a solid. Nominal voltage is 3.2V, Rated capacity is 200Ah, and Electric energy is 640Wh.		
货物主要危险性 Main Hazards	化学物质包含在密封电池外壳内。当电池机械破损时会产生危害。遇火会引起爆炸。 These chemicals are contained in a sealed can. Risk of exposure occurs only if the battery is mechanically or electrically abused. If in fire, battery may cause to explode.		
接样日期 Accepting Date	2012 年 3 月 8 日	签发日期 Issue Date	2012 年 3 月 14 日
检测结果(Conclusion)			
<p>1、危险性识别(Hazard identification):</p> <p>① 电能=640 瓦特时。</p> <p>② 经测试证明其符合《关于危险货物运输的建议书-试验和标准手册》第 3 部分 38.3 款的所有要求。</p> <p>③ 经测试证明其通过 1.2 米的跌落试验。</p> <p>④ 电池需互相隔开以防短路, 并装放在结实的容器里, 防止意外短路。</p> <p>① Electric energy=640Wh.</p> <p>② Test proves that this type of battery pass the UN38.3 test.</p>			

本检测单位保证检测的客观公正性, 并对委托单位的商业秘密履行保密义务; 委托单位对样品的代表性和资料的真实性负责, 本检测单位仅对样品负责, 委托单位对于检测结果的使用、使用所产生的直接或间接损失及一切法律后果, 本检测单位不承担任何经济和法律后果; 本《检测报告》如无 PONY 专用章和批准人签字或被复制, 则无效; 任何对本《检测报告》未经授权的部分或全部转载、篡改、伪造或复制行为都是违法的, 将被追究民事、行政甚至刑事责任。

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(3)《检测报告》采用的防伪纸张内部亦加带有高科技“PONY”防伪水印, 只有在验钞机等紫外线照射下方可显出无色荧光防伪字样;
(4)《检测报告》所盖防伪骑缝章中的一部分加盖于本检测单位的留底报告上, 《检测报告》与本检测单位留底报告的骑缝章应拼合完整无缺。

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③Test proves that this type of battery pass the 1.2m drop test.

④Batteries are separated so as to prevent short circuits and are packed in strong packaging.

2、建议比照办理的类型和编号(Suggestion according to IMDG):

由于瓦特时超标, 可按危险品货物条件办理。

Watt-hour exceeds the standard, so it belongs to dangerous goods.

运输专用名称: 锂离子电池

Proper Shipping Name: Lithium Ion Batteries

危险类别: 9

Class: 9

UN 编号: UN3480

UN No.: UN3480

3、包装要求(Packaging requirements):

PG	S.P.	Packing
II	188 230 310 957	P903

参照 IMDG 特殊规定 188。

The goods are packaged according to the special provision 188 of IMDG.

检测依据
Criteria

- 1) 《联合国危险货物运输的建议书规章范本》;
 - 2) 《国际海运危险货物规则》;
 - 3) 该物质的 UN38.3 报告 (1101193-125, 1101193-125a);
 - 4) 跌落试验报告 (1101193-125~2, 1101193-125a~2)。
- 1) <<Recommendations On The Transport Of Dangerous Goods-Model Regulations>>;
 - 2) << International Maritime Dangerous Goods >>;
 - 3) The UN38.3 test report (1101193-125, 1101193-125a);
 - 4) The drop test report (1101193-125~2, 1101193-125a~2)。

备注 Remark

适用于海运。
Be applicable to transport by sea.

主检人

(Prepared by)

王艳红

审核人

(Checked by)

汪志敏

批准人

(Approved by)

李松

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试验项目和名称 Name Of Test Items	试验结果 Test Result
高度模拟 Altitude simulation (38.3 test 1)	质量损耗符合标准, 无渗漏、无排气、无解体、无破裂、无燃烧。试验后的开路电压不小于其在进行这一试验前电压的 90%。试验符合标准要求。 No mass loss, no leakage, no venting, no disassembly, no rupture and no fire. The open circuit voltage of each test cell or battery after testing is not less than 90% of its voltage immediately prior to this procedure. The test result conforms to the requirement of standard.
温度试验 Thermal test (38.3 test 2)	质量损耗符合标准, 无渗漏、无排气、无解体、无破裂、无燃烧。试验后的开路电压不小于其在进行这一试验前电压的 90%。试验符合标准要求。 No mass loss, no leakage, no venting, no disassembly, no rupture and no fire. The open circuit voltage of each test cell or battery after testing is not less than 90% of its voltage immediately prior to this procedure. The test result conforms to the requirement of standard.
振动 Vibration (38.3 test 3)	质量损耗符合标准, 无渗漏、无排气、无解体、无破裂、无燃烧。试验后的开路电压不小于其在进行这一试验前电压的 90%。试验符合标准要求。 No mass loss, no leakage, no venting, no disassembly, no rupture and no fire. The open circuit voltage of each test cell or battery after testing is not less than 90% of its voltage immediately prior to this procedure. The test result conforms to the requirement of standard.
冲击 Shock (38.3 test 4)	质量损耗符合标准, 无渗漏、无排气、无解体、无破裂、无燃烧。试验后的开路电压不小于其在进行这一试验前电压的 90%。试验符合标准要求。 No mass loss, no leakage, no venting, no disassembly, no rupture and no fire. The open circuit voltage of each test cell or battery after testing is not less than 90% of its voltage immediately prior to this procedure. The test result conforms to the requirement of standard.
外短路 External short circuit (38.3 test 5)	电池外壳温度不超过 170℃, 并且试验后 6 小时内无解体、无破裂和无燃烧。试验符合标准要求。 The external temperature does not exceed 170℃ and there is no disassembly, no rupture and no fire within six hours of this test. The test result conforms to the requirement of standard.
撞击 Impact (38.3 test 6)	电池外部温度不超过 170℃ 并且试验后 6 小时内无解体和无燃烧。试验符合标准要求。 The external temperature does not exceed 170℃ and there is no disassembly and no fire within six hours of this test. The test result conforms to the requirement of standard.
过度充电 Overcharge (38.3 test 7)	---
强制放电 Forced discharge (38.3 test 8)	在试验过程中和试验后 7 天内无解体, 无起火。试验符合标准要求。 there is no disassembly and no fire during the test and within seven days after the test. The test result conforms to the requirement of standard.
1.2m 跌落测试 1.2m Drop Test	包装好的锂电池, 从 1.2 米跌落后电池无移位, 无泄漏, 无解体, 无燃烧, 无爆炸, 无破损现象。试验符合标准要求。 No shifting, no leakage, no disassembly, no fire, no explode, no rupture after 1.2m drop test. The test result conforms to the requirement of standard.

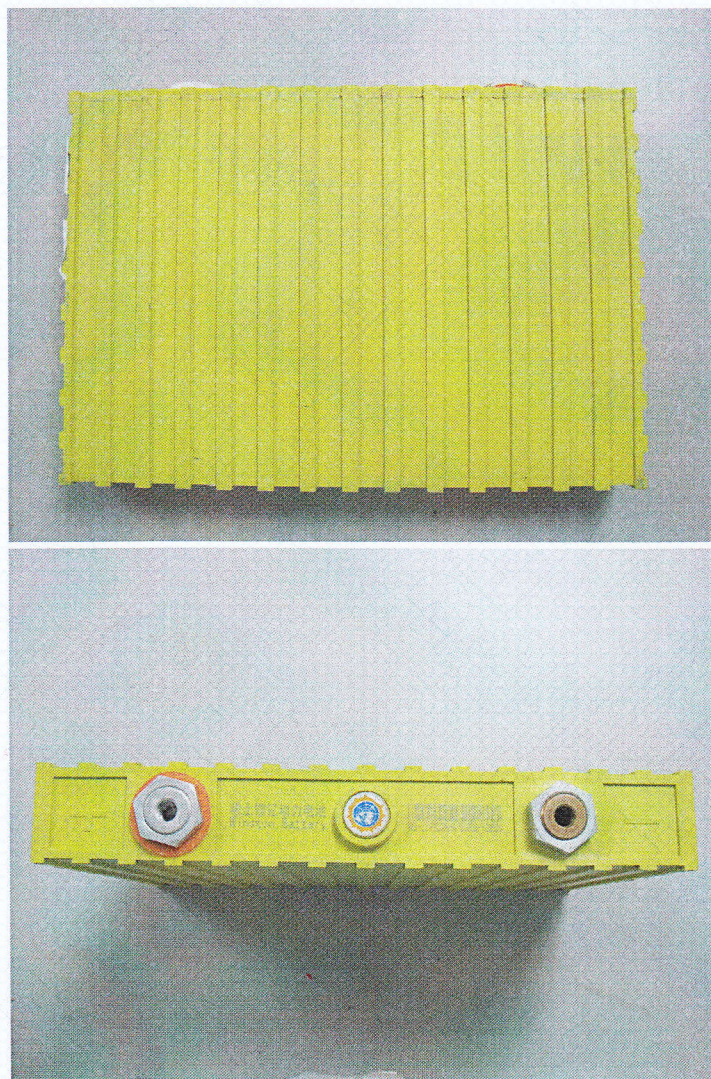
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This report is issued according to 《International Maritime Dangerous Goods》 published in the current year, the information of the goods and its shipment provided by the applicant (shipper or his agent).

2.本《检测报告》的检测结论仅对所检样品负责。

The conclusion of this report is only responsible for the tested sample.

3.客户必须如实提供样品及资料，并保证申报品名和样品以及运输货物相同，否则本检测单位不承担任何相关责任。

The client should provide samples and relevant data, at the same time, they should guarantee the consistence of the product's name they declared, the samples they provided and the goods to be transported. Otherwise we will not bear any relevant responsibilities.

4.本《检测报告》经检测人、审核人、批准人签字并加盖印章后生效。

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The transportation way of goods should be the same as the way in the report because different transportation way may have different conclusion.

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