



Pony Testing International Group



报告编号(Report ID):H09133006811D



货物运输测试报告

Cargo Transportation Test Report

危险品

Dangerous Goods

样品名称

锂离子电池 7S4P ICR18650 25.9V 228Wh/8.8Ah

(Samples)

Lithium-Ion Battery 7S4P ICR18650 25.9V 228Wh/8.8Ah

委托单位

AccuPower Forschungs- Entwicklungs-und Vertriebs- GmbH.

(Client)

生产单位

AccuPower Forschungs- Entwicklungs-und Vertriebs- GmbH.

(Manufacturer)



PONY 谱尼测试
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样品名称 Name & Model	锂离子电池 7S4P ICR18650 25.9V 228Wh/8.8Ah		
	Lithium-Ion Battery 7S4P ICR18650 25.9V 228Wh/8.8Ah		
委托单位 Applicant	AccuPower Forschungs- Entwicklungs-und Vertriebs- GmbH.		
	AccuPower Forschungs- Entwicklungs-und Vertriebs- GmbH.		
公司地址 Address	Pirchaeckerstrasse 27 8053 Graz, Austria		
	Pirchaeckerstrasse 27 8053 Graz, Austria		
样品外观及性状 Appearance & Odor	黑色电池, 标称电压为 25.9V, 额定电容量为 8.8Ah, 电能为 228 瓦特时。 Black battery. Nominal voltage is 25.9V, Rated capacity is 8.8Ah, and Electric energy is 228Wh.		
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	2013 年 9 月 13 日	签发日期 Issue Date	2013 年 10 月 15 日
测试结果(Conclusion)			
<p>1、危险性识别(Hazard identification):</p> <p>①电能=228 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>①Electric energy=228Wh.</p> <p>②Test proves that this type of battery pass the UN38.3 test.</p>			



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③ Batteries 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.

参考方法 Reference method	1) 《联合国危险货物运输的建议书规章范本》(17 th); 2) 《国际海运危险货物规则》; 3) 该物质的 UN38.3 报告 (H09133006521D~1). 1) <<Recommendations On The Transport Of Dangerous Goods-Model Regulations>>(17 th); 2) << International Maritime Dangerous Goods >>; 3) The UN38.3 test report (H09133006521D~1).
备注 Remark	适用于海运。 Be applicable to transport by sea.

主检人 : 刘海强 审核人 : 杨景花 批准人 : 李强
 (Prepared by) (Checked by) (Approved by)

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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)	无渗漏、无排气、无解体、无破裂和无起火，并且每个试验电池或电池组在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)	无渗漏、无排气、无解体、无破裂和无起火，并且每个试验电池或电池组在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)	无渗漏、无排气、无解体、无破裂和无起火，并且每个试验电池或电池组在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)	无渗漏、无排气、无解体、无破裂和无起火，并且每个试验电池或电池组在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)	外壳温度不超过 170℃，并且在试验过程中及试验后 6 小时内无解体，无破裂，无起火。试验符合标准要求。 The external temperature does not exceed 170 °C and there is no disassembly, no rupture and no fire during the test and within six hours after the test. The test result conforms to the requirement of standard.
挤压 Crush (38.3 test 6)	外壳温度不超过 170℃，并且在试验过程中及试验后 6 小时内无解体，无破裂，无起火。试验符合标准要求。 The external temperature does not exceed 170 °C and there is no disassembly, no rupture and no fire during the test and within six hours after the test. The test result conforms to the requirement of standard.
过度充电 Overcharge (38.3 test 7)	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.
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.

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