



Pony Testing International Group

报告编号(Report ID): W12313025221D~1

# 锂电池UN38.3测试报告

## Lithium Battery UN38.3 Test Report

样品名称

(Samples)

Lithium-ion Battery APST 3S1P 18650

委托单位

(Client)

AccuPower Forschungs-, Entwicklungs- und  
Vertriebsgesellschaft mbH

生产单位

(Manufacturer)

AccuPower Forschungs-, Entwicklungs- und  
Vertriebsgesellschaft mbH



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

No.: W12313025221D

Code: czeemz



Pony Testing International Group

Report ID: W12313025221D~1 Page 1 of 10

## I、SAMPLE DESCRIPTION

Sample Name	Lithium-ion Battery		Battery Type	APST 3S1P 18650	
Client	AccuPower Forschungs-, Entwicklungs- und Vertriebsgesellschaft mbH				
Manufacturer	AccuPower Forschungs-, Entwicklungs- und Vertriebsgesellschaft mbH				
Nominal Voltage	11.1V	Rated Capacity	2600mAh	Limited Charge Voltage	12.6V
Charge Current	2000mA	Maximum Continuous Charge Current	2600mA	End Charge Current	100mA
Cut-off Voltage	7.5V	Maximum Discharge Current	3000mA	Use	Power Tool
Cells Number	3PCS	Cell Model	18650	Rated Capacity	2600mAh
Manufacturer of cell	SAMSUNG		Chemical component	Lithium-ion	
Client date	2012-12-17		Finished date	2013-01-06	

## II、STANDARD

United Nations Recommendations On The Transport Of Dangerous Goods, Manual Of Tests And Criteria.

## III、TEST ITEM

- |                        |                           |
|------------------------|---------------------------|
| 1. Altitude simulation | 5. External short circuit |
| 2. Thermal test        | 6. Crush                  |
| 3. Vibration           | 7. Overcharge             |
| 4. Shock               | 8. Forced discharge       |

## IV、CONCLUSION

ITEM	SAMPLE NUMBER	STANDARD	CONCLUSION
Altitude simulation	N1~N4 C1~C4	UN38.3	PASS
Thermal test			PASS
Vibration			PASS
Shock			PASS
External short circuit			PASS
Crush			PASS
Overcharge			PASS
Forced discharge			N/A (Not applicable)

The submitted battery and component cell were complied with the stated requirements of UN38.3.

Prepared by: *Zhengchunme*; Checked by: *chaps* Approved by: *Piyou*

Approval Date: January 6, 2013

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。

防伪说明：(1)《检测报告》的报告编号是唯一的，即每一个报告编号仅对应唯一的《检测报告》；  
 (2)《检测报告》采用特制防伪纸张印制，纸张表面带有“PONY”防伪纹路，该防伪纹路不支持复印，即复制件不会带有“PONY”防伪纹路；  
 (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。

Pony Testing International Group	www.ponytest.com	©Hotline 400-819-5688	
	Add: YingzhiBuilding.No.49-3,Suzhou Road,HaidianDistrict.Beijing	Building35.No.680.GuipingRoad, XuhuiDistrict,Shanghai	Building6ofZhongxingIndustryCity, ChuangyeRoad,NanshanDistrict,Shenzhen
	Tel: (010)82618116	(021)64851999	(0755)26050909
	Fax: (010)82619629	(021)64856403	(0755)26068336
	E-mail: pony@ponytest.com	cs@ponytest.com	sz@ponytest.com
			6thFloor.No.190.ZhuzhouRoad, LaoshanDistrict,Qingdao (0532)88706866 (0532)88706877 qd@ponytest.com



Pony Testing International Group

## Notes:

N1~N8: Batteries at first cycle, in fully charged states;

N9~N13: Component cells of rechargeable batteries, at first cycle at 50% of the design rated capacity;

C1~C8: Batteries, after 50 cycles ending in fully charged states.

## V、 PHOTO OF THE SAMPLE



Authenticate the photo on original report only

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。

防伪说明：(1)《检测报告》的报告编号是唯一的，即每一个报告编号仅对应唯一的《检测报告》；  
(2)《检测报告》采用特制防伪纸张印制，纸张表面带有“PONY”防伪纹路，该防伪纹路不支持复印，即复制件不会带有“PONY”防伪纹路；  
(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。

Pony Testing International Group	www.ponytest.com	☎Hotline 400-819-5688	
	Add: YingzhiBuilding.No.49-3.Suzhou Road,HaidianDistrict.Beijing	Building35.No.680.GuipingRoad, XuhuiDistrict.Shanghai	Building6ofZhongxingIndustryCity, ChuangyeRoad,NanshanDistrict,Shenzhen
	Tel: (010)82618116	(021)64851999	(0755)26050909
	Fax: (010)82619629	(021)64856403	(0755)26068336
	E-mail: pony@ponytest.com	cs@ponytest.com	sz@ponytest.com
			6thFloor.No.190.ZhuzhouRoad, LaoshanDistrict.Qingdao (0532)88706866 (0532)88706877 qd@ponytest.com