



# 货物运输条件鉴定书

Certification

for Safe Transport of Chemical Goods

## 锂电池类货物

样品名称：二次锂电池组 RRC2040-2 10.80V 6800mAh 73.44Wh

Sample name: Rechargeable Smart Battery Pack Li-Ion RRC2040-2 10.80V 6800mAh 73.44Wh

委托单位：RRC power solutions GmbH  
RRC power solutions GmbH

生产单位：RRC power solutions GmbH  
RRC power solutions GmbH



Witness Better Life  
**SICIT** 上海化工院检测有限公司  
Shanghai Institute of Chemical Industry Testing Co., Ltd



# 声 明

## Statement

1. 鉴定书无上海化工院检测有限公司检验检测专用章、二维码无效。  
The certification is invalid if it is not affixed the dedicated inspection and testing seal of Shanghai Institute of Chemical Industry Testing Co., Ltd.and QR Code on it.
2. 鉴定书复印件无效。  
Copies of the certification are invalid.
3. 鉴定书无主检、审核、批准签字无效。  
The certification is invalid without the signatures of appraiser, checker and approver.
4. 鉴定书涂改无效。  
The certification is invalid if it is forged or altered.
5. 委托单位必须保证送至本公司的样品及资料与真实的出运货物相一致，如有不符，所涉及的法律责任及其他后果均由委托单位自行承担。  
The client must guarantee that samples and documents provided for appraisal are consistent with the goods to be transported. Otherwise, the client shall bear all legal responsibilities and other consequences due to it.
6. 本鉴定书的鉴定结论仅适用于最终收到的样品。  
The conclusion of this certification only applies to the final sample as received.
7. 本鉴定书当年有效，铁路运输方式除外。特殊情况参见鉴定书备注。  
The certification is valid in the year subscribed on it except when transported by rail. Please refer to the comment of certification on special occasion.
8. 本鉴定书不考虑国家及经营人差异。  
The certification takes no account of the State and Operator Variations.
9. 货物的运输方式应与鉴定结论中的运输方式相一致。不同的运输方式，鉴定结果可能会有差异。  
The transportation mode of the goods shall be consistent with that in the appraisal conclusion. Different transportation modes may lead to different appraisal results.
10. 鉴定书真伪性可登入本公司网站 [www.ghs.cn](http://www.ghs.cn) 或扫描鉴定书中二维码进行查询。  
The authenticity of the certification can be verified by our website([www.ghs.cn](http://www.ghs.cn))or the QR code in the certification.
11. 送检申请可登入本公司网站 [www.ghs.cn](http://www.ghs.cn) 进行网上委托。  
The application of the certification can be done via our website: [www.ghs.cn](http://www.ghs.cn).

地址：上海市光复西路2779号接待大厅

Address: Reception Hall, Shanghai Institute of Chemical Industry Co., Ltd, No.2779  
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邮编(Post code): 200062

电话(Tel):(008621)31765555

邮箱(Email): [center@ghs.cn](mailto:center@ghs.cn)

网址(Website): [www.ghs.cn](http://www.ghs.cn)

# 货物运输条件鉴定书

NO. 212200846457072

Certification for Safe Transport of Chemical Goods

Page 1/3

样品名称 Sample Name	中文 Chinese	二次锂电池组 RRC2040-2 10.80V 6800mAh 73.44Wh		
	英文 English	Rechargeable Smart Battery Pack Li-Ion RRC2040-2 10.80V 6800mAh 73.44Wh		
委托单位 Consignor	RRC power solutions GmbH RRC power solutions GmbH			
生产单位 Manufacturer	RRC power solutions GmbH RRC power solutions GmbH			
检验方法、程序 Inspection method and procedure	国际海事组织《国际海运危险货物规则》(2020版) IMO International Maritime Dangerous Goods Code (2020 Edition)			
样品外观 Sample appearance	黑色塑胶外壳 Black Plastics cement shell			
包装件信息 Package information	重量≤30kg。 weight≤30kg.			
序号 NO.	电池种类 Battery type	型号 Model	容量Capacity /锂含量Li content	放置方式 Placement
1	可充电锂离子电池组 Rechargeable Li-ion battery	RRC2040-2	6800 mAh, 73.44 Wh	电池单独运输 Battery only
鉴定结论 IDENTIFICATION CONCLUSION	1. 危险性识别(Hazards identification) 锂离子电池。 Lithium ion battery.			
	2. 海运按照国际海事组织《国际海运危险货物规则》办理的类项(Suggestion according to IMO IMDG Code) 根据特殊规定188, 该物品不受IMO IMDG Code其他条款限制。 The article is not subject to other provisions of IMO IMDG Code according to special provision 188.			
鉴定结论 IDENTIFICATION CONCLUSION	3. 包装要求(Packaging requirements) 无。 None.			
	检验日期: Inspection Date: 2022-06-14		签发日期: Issue Date: 2022-06-14	
备注 Comment				

批准  
Approver: 毛家

审核  
Checker: 董学胜

主检  
Appraiser: 孙清






# 货物运输条件鉴定书

NO. 212200846457072

Certification for Safe Transport of Chemical Goods

Page 2/3

序号 No.	检验结果及其他事项 Inspection results and other things
1	<p>本报告所述锂电池按照《国际海运危险货物规则》(2020版) 2.9.4.5规定的质量管理体系进行制造。 Lithium cells and batteries listed in this report were manufactured under the quality management program described in IMDG CODE 2020 EDITION 2.9.4.5.</p>
2	<p>本报告所述锂电池已通过《联合国试验和标准手册》第III部分38.3小节相应测试要求。 包装件能够承受1.2m跌落试验。 Lithium cells and batteries listed in this report are of the types proved to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3. The package has passed the 1.2m drop test. UN38.3试验概要编号 The UN38.3 Test Summary No. (s) 812200200630294 详细信息请扫描右侧二维码。 Please scan the QR code on the right for more information.</p> 
3	<p>锂电池完全封装在内包装内，位于坚固的外包装中。 Lithium cells and batteries are packed in inner packagings that completely enclose the cell or battery and placed in a strong outer packaging.</p>
4	<p>电池具有适当的防短路措施。 Cells and batteries are properly protected to prevent short circuits.</p>
5	<p>每个包装件必须标示恰当的锂电池标记。 装有锂电池的包装件，符合国际民航组织《危险物品安全航空运输技术细则》第4部分第11章的包装说明965或968第IB部分规定的，黏贴5.2.1.10(锂电池标记)和5.2.2.2所示的9A型标签，应视为符合本特殊规定188的规定。 Each package shall be marked with the appropriate lithium battery mark. Packages containing lithium batteries packed in conformity with the provisions of part 4, chapter 11, packing instructions 965 or 968, section IB of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by air that bear the mark as shown in 5.2.1.10(lithium battery mark) and the label shown 5.2.2.2, Model No.9A shall be deemed to meet the provisions of this special provision 188.</p>
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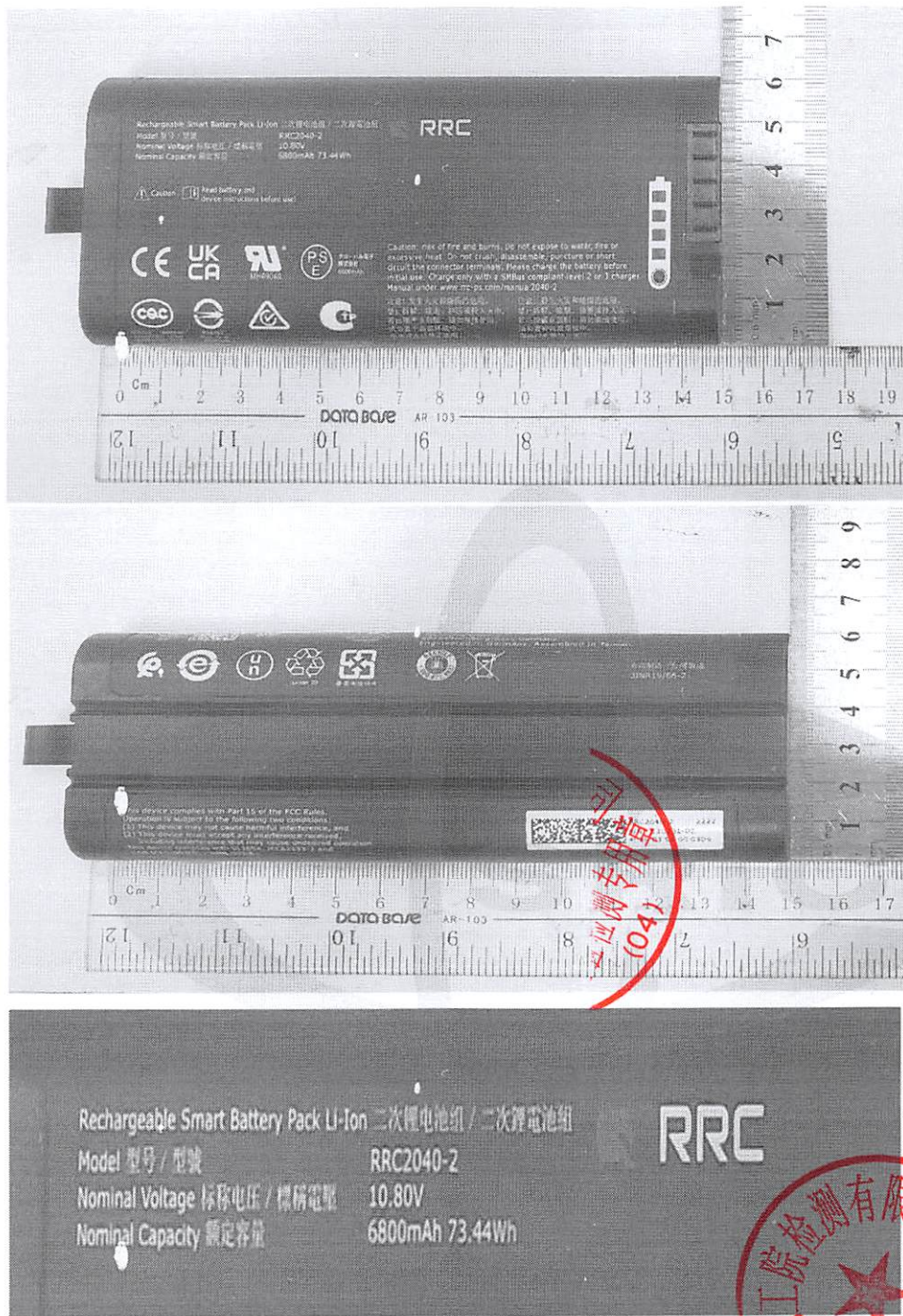
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# 货物运输条件鉴定书

Certification for Safe Transport of Chemical Goods

NO. 212200846457072

Page 3/3



\*\*\*报告结束\*\*\*







NO.212200318420194



中国认可  
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INSPECTION  
CNAS IB0071

# 货物运输条件鉴定书

## Certification

### for Safe Transport of Chemical Goods

#### 锂电池类货物

样品名称：二次锂电池组 RRC2040-2 10.8Vdc 6900mAh 74.50Wh

Sample name: Rechargeable Smart Battery Pack Li-Ion 10.8Vdc 6900mAh 74.50Wh

委托单位：RRC power solutions GmbH  
RRC power solutions GmbH

生产单位：STL Technology Co., Ltd.  
STL Technology Co., Ltd.



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上海化工院检测有限公司

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NO. 212200318420194

Certification for Safe Transport of Chemical Goods

Page 1/3

样品名称 Sample Name	中文 Chinese	二次锂电池组 RRC2040-2 10.8Vdc 6900mAh 74.50Wh		
	英文 English	Rechargeable Smart Battery Pack Li-Ion 10.8Vdc 6900mAh 74.50Wh		
委托单位 Consignor	RRC power solutions GmbH RRC power solutions GmbH			
生产单位 Manufacturer	STI. Technology Co., Ltd. STI. Technology Co., Ltd.			
检验方法、程序 Inspection method and procedure	国际海事组织《国际海运危险货物规则》(2020版) IMO International Maritime Dangerous Goods Code (2020 Edition)			
样品外观 Sample appearance	黑色塑胶外壳 Black Plastics cement shell			
包装件信息 Package information	重量≤30kg。 weight≤30kg.			
序号 NO.	电池种类 Battery type	型号 Model	容量Capacity /锂含量Li content	放置方式 Placement
1	可充电锂离子电池组 Rechargeable Li-ion battery	RRC2040-2	6900mAh, 74.5Wh	电池单独运输 Battery only
鉴定结论 IDENTIFICATION CONCLUSION	1. 危险性识别(Hazards identification) 锂离子电池。 Lithium ion battery.			
	2. 海运按照国际海事组织《国际海运危险货物规则》办理的类型(Suggestion according to IMO IMDG Code) 根据特殊规定188, 该物品不受IMO IMDG Code其他条款限制。 The article is not subject to other provisions of IMO IMDG Code according to special provision 188.			
备注 Comment	3. 包装要求(Packaging requirements) 无。 None.			
	检验日期: 2022-01-10 Inspection Date:		签发日期: 2022-01-10 Issue Date:	
		生效日期: 2022-01-10 Effective Date:		

批准  
Approver: 王宗

审核  
Checker: 董学胜

主检  
Appraiser: 孙倩




# 货物运输条件鉴定书

NO. 212200318420194

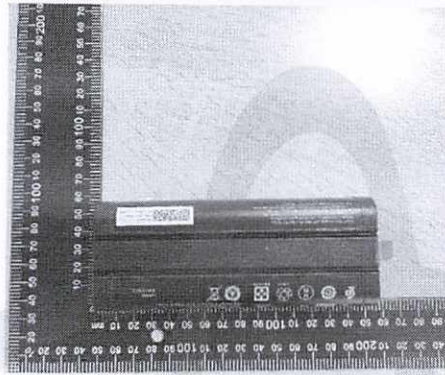
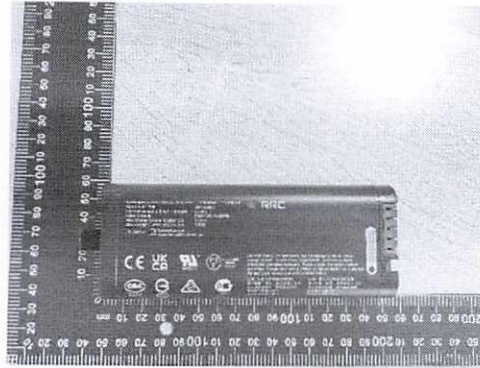
Certification for Safe Transport of Chemical Goods

Page 2/3

序号 No.	检验结果及其他事项 Inspection results and other things
1	<p>本报告所述锂电池按照《国际海运危险货物规则》(2020版) 2.9.4.5规定的质量管理体系进行制造。 Lithium cells and batteries listed in this report were manufactured under the quality management program described in IMDG CODE 2020 EDITION 2.9.4.5.</p>
2	<p>本报告所述锂电池已通过《联合国试验和标准手册》第III部分38.3小节相应测试要求。 包装件能够承受1.2m跌落试验。 Lithium cells and batteries listed in this report are of the types proved to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3. The package has passed the 1.2m drop test. UN38.3试验概要编号 The UN38.3 Test Summary No. (s) 812200100400380 详细信息请扫描右侧二维码。 Please scan the QR code on the right for more information.</p> 
3	<p>锂电池完全封装在内包装内，位于坚固的外包装中。 Lithium cells and batteries are packed in inner packagings that completely enclose the cell or battery and placed in a strong outer packaging.</p>
4	<p>电池具有适当的防短路措施。 Cells and batteries are properly protected to prevent short circuits.</p>
5	<p>每个包装件必须标示恰当的锂电池标记。 装有锂电池的包装件，符合国际民航组织《危险物品安全航空运输技术细则》第4部分第11章的包装说明965或968第IB部分规定的，黏贴5.2.1.10(锂电池标记)和5.2.2.2所示的9A型标签，应视为符合本特殊规定188的规定。 Each package shall be marked with the appropriate lithium battery mark. Packages containing lithium batteries packed in conformity with the provisions of part 4, chapter 11, packing instructions 965 or 968, section IB of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by air that bear the mark as shown in 5.2.1.10(lithium battery mark) and the label shown 5.2.2.2, Model No. 9A shall be deemed to meet the provisions of this special provision 188.</p>
6	/
7	/
-验证码:571361-	







Rechargeable Smart Battery Pack Li-Ion 二次锂电池组 / 二次锂电池组	
Model 型号 / 型号	RRC2040-2
Nominal Voltage 标称电压 / 标称电压	10.80V
Rated Capacity	6900mAh 74.50Wh
Max. Charge Voltage 充电限制电压	12.60V
Max. Charge Current 充电限制电流	4.83A
⚠ Caution 📖 Read battery and device instructions before use!	

检测有限公司

\*\*\*报告结束\*\*\*





NO.212200318420194



中国认可  
检验  
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CNAS IB0071

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## Certification

### for Safe Transport of Chemical Goods

#### 锂电池类货物

样品名称：二次锂电池组 RRC2040-2 10.8Vdc 6900mAh 74.50Wh

Sample name: Rechargeable Smart Battery Pack Li-Ion 10.8Vdc 6900mAh 74.50Wh

委托单位：RRC power solutions GmbH  
RRC power solutions GmbH

生产单位：STL Technology Co., Ltd.  
STL Technology Co., Ltd.



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上海化工院检测有限公司

Shanghai Institute of Chemical Industry Testing Co., Ltd



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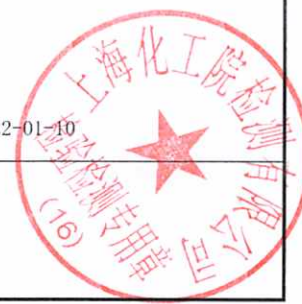
Page 1/3

样品名称 Sample Name	中文 Chinese	二次锂电池组 RRC2040-2 10.8Vdc 6900mAh 74.50Wh		
	英文 English	Rechargeable Smart Battery Pack Li-Ion 10.8Vdc 6900mAh 74.50Wh		
委托单位 Consignor		RRC power solutions GmbH RRC power solutions GmbH		
生产单位 Manufacturer		STI. Technology Co., Ltd. STI. Technology Co., Ltd.		
检验方法、程序 Inspection method and procedure		国际海事组织《国际海运危险货物规则》(2020版) IMO International Maritime Dangerous Goods Code (2020 Edition)		
样品外观 Sample appearance		黑色塑胶外壳 Black Plastics cement shell		
包装件信息 Package information		重量≤30kg。 weight≤30kg.		
序号 NO.	电池种类 Battery type	型号 Model	容量Capacity /锂含量Li content	放置方式 Placement
1	可充电锂离子电池组 Rechargeable Li-ion battery	RRC2040-2	6900mAh, 74.5Wh	电池单独运输 Battery only
鉴定 结论	1. 危险性识别(Hazards identification) 锂离子电池。 Lithium ion battery.			
	2. 海运按照国际海事组织《国际海运危险货物规则》办理的类型(Suggestion according to IMO IMDG Code) 根据特殊规定188, 该物品不受IMO IMDG Code其他条款限制。 The article is not subject to other provisions of IMO IMDG Code according to special provision 188.			
I D E N T I F I C A T I O N C O N C L U S I O N	3. 包装要求(Packaging requirements) 无。 None.			
	检验日期: Inspection Date: 2022-01-10		签发日期: Issue Date: 2022-01-10	
		生效日期: Effective Date: 2022-01-10		
备注 Comment	/			

批准  
Approver: 王宗

审核  
Checker: 董学胜

主检  
Appraiser: 孙倩






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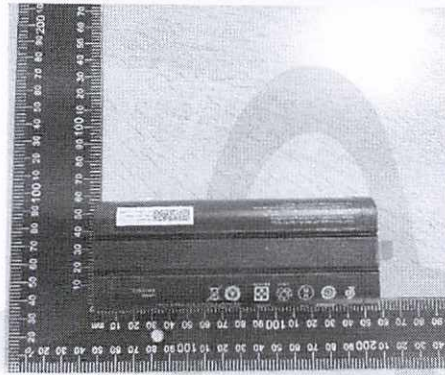
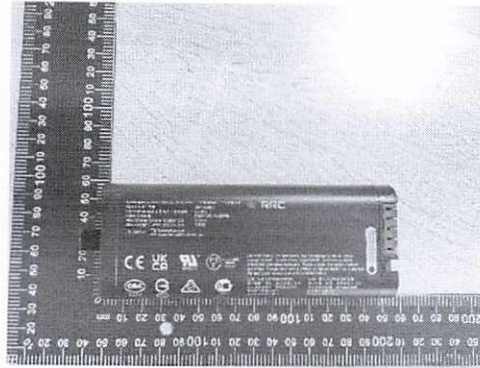
NO. 212200318420194

Certification for Safe Transport of Chemical Goods

Page 2/3

序号 No.	检验结果及其他事项 Inspection results and other things
1	<p>本报告所述锂电池按照《国际海运危险货物规则》(2020版) 2.9.4.5规定的质量管理体系进行制造。 Lithium cells and batteries listed in this report were manufactured under the quality management program described in IMDG CODE 2020 EDITION 2.9.4.5.</p>
2	<p>本报告所述锂电池已通过《联合国试验和标准手册》第III部分38.3小节相应测试要求。 包装件能够承受1.2m跌落试验。 Lithium cells and batteries listed in this report are of the types proved to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3. The package has passed the 1.2m drop test. UN38.3试验概要编号 The UN38.3 Test Summary No. (s) 812200100400380 详细信息请扫描右侧二维码。 Please scan the QR code on the right for more information.</p> 
3	<p>锂电池完全封装在内包装内，位于坚固的外包装中。 Lithium cells and batteries are packed in inner packagings that completely enclose the cell or battery and placed in a strong outer packaging.</p>
4	<p>电池具有适当的防短路措施。 Cells and batteries are properly protected to prevent short circuits.</p>
5	<p>每个包装件必须标示恰当的锂电池标记。 装有锂电池的包装件，符合国际民航组织《危险物品安全航空运输技术细则》第4部分第11章的包装说明965或968第IB部分规定的，黏贴5.2.1.10(锂电池标记)和5.2.2.2所示的9A型标签，应视为符合本特殊规定188的规定。 Each package shall be marked with the appropriate lithium battery mark. Packages containing lithium batteries packed in conformity with the provisions of part 4, chapter 11, packing instructions 965 or 968, section IB of the ICAO Technical Instructions for the Safe Transport of Dangerous Goods by air that bear the mark as shown in 5.2.1.10(lithium battery mark) and the label shown 5.2.2.2, Model No. 9A shall be deemed to meet the provisions of this special provision 188.</p>
6	/
7	/
-验证码:571361-	





Rechargeable Smart Battery Pack Li-Ion 二次锂电池组 / 二次锂电池组	
Model 型号 / 型号	RRC2040-2
Nominal Voltage 标称电压 / 标称电压	10.80V
Rated Capacity	6900mAh 74.50Wh
Max. Charge Voltage 充电限制电压	12.60V
Max. Charge Current 充电限制电流	4.83A
⚠ Caution 📖 Read battery and device instructions before use!	

检测有限公司

\*\*\*报告结束\*\*\*

