



# 货物运输条件鉴定书

Certification  
for Safe Transport of Chemical Goods

## 危险品

样品名称： 锂离子电池组 V5° 51.2V 100Ah 5.12kWh

Sample name: Lithium ion Battery Pack V5° 51.2V 100Ah 5.12kWh

委托单位： 上海派智能源股份有限公司  
Shanghai PYTES Energy Co., Ltd.

生产单位： 上海派智能源股份有限公司  
Shanghai PYTES Energy Co., Ltd.



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. 本鉴定书不涉及样品的成分鉴别，委托单位必须保证提供给本公司的样品与实际的出运货物相一致且相关成分等资料真实完整，由于样品与委托信息的真实性所带来的法律责任和其他后果均由委托单位自行承担。  
The certification does not involve ingredient analysis of the sample. It is the client's responsibility to guarantee that samples provided for appraisal are consistent with the goods to be transported and that relevant information and documents (eg: information on ingredients) submitted are authentic and complete. Otherwise, the client shall bear any legal liability and other possible consequence arising from the authenticity of samples and information provided.
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  
West Guangfu Road, Shanghai, China.

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. 212300870514724

Certification for Safe Transport of Chemical Goods

Page 1/3

样品名称 Sample Name	中文 Chinese	锂离子电池组 V5° 51.2V 100Ah 5.12kWh		
	英文 English	Lithium ion Battery Pack V5° 51.2V 100Ah 5.12kWh		
委托单位 Consignor		上海派能源股份有限公司 Shanghai PYTES Energy Co., Ltd.		
生产单位 Manufacturer		上海派能源股份有限公司 Shanghai PYTES Energy 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		银色金属外壳 Silvery Metal shell		
包装件信息 Package information		/		
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	V5°	100Ah 5.12kWh	电池单独运输 Battery only
鉴定结论 IDENTIFICATION CONCLUSION	1. 危险性识别 (Hazards identification) 杂项。 Miscellaneous.			
	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) Shipping name:Lithium ion batteries Class or division:9 UN Number:UN3480			
	3. 包装要求 (Packaging requirements) 按UN3480要求办理。 Suggestion according to UN3480.			
	检验日期: 2023-04-10      签发日期: 2023-04-10      生效日期: 2023-04-10 Inspection Date:      Issue Date:      Effective Date:			
备注 Comment		/		

批准  
Approver: 王泉

审核  
Checker: 董学佳

主检  
Appraiser: 孙清





货物运输条件鉴定书  
Certification for Safe Transport of Chemical Goods

NO. 212300870514724

Page 2/3

序号 No.	检验结果及其他事项 Inspection results and other things
1	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.
2	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。 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. UN38.3试验概要编号 The UN38.3 Test Summary No. (s) 812300300521350 详细信息请扫描右侧二维码。 Please scan the QR code on the right for more information.
3	相关要求按照UN3480规定办理。 Suggestion according to UN3480.
4	电池具有适当的防短路措施。 Cells and batteries are properly protected to prevent short circuits.
5	每个包装件必须使用9类锂电池危险性标签(9A号)。但是,对于货物运输组件的标牌,标牌应符合9号。 Each package must be labelled with the Class 9-Lithium Battery hazard label (Model No. 9A). However, for placarding of cargo transport units, the placard shall correspond to Model No. 9.
6	/
7	/
-验证码:208503-	

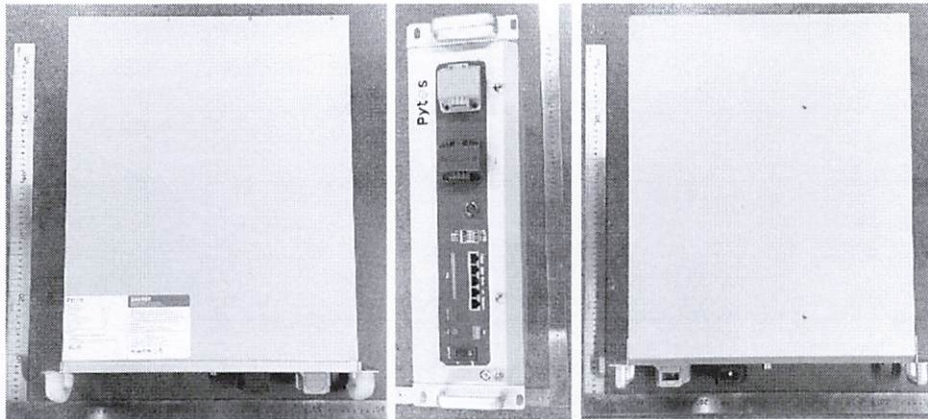


# 货物运输条件鉴定书

Certification for Safe Transport of Chemical Goods

NO. 212300870514724

Page 3/3



Pytes	
Battery Model	V5°
Battery Cell Type	Li-ion Battery
Operating Voltage Range	47.5V-57.6V
Nominal Voltage	51.2V
Rated Energy	5.12kWh
Rated Capacity	100Ah
Rated Charge/Discharge Current	75A
Maximum Charge/Discharge Current	100A
Maximum Charge/Discharge Power	5120W
Operating Temperature	0°C-45°C



\*\*\*报告结束\*\*\*



仅限货机  
CAO



NO.212300770714623



# 货物运输条件鉴定书

Certification  
for Safe Transport of Chemical Goods

## 危险品

样品名称： 锂离子电池组 V5° 51.2V 100Ah 5.12kWh

Sample name: Lithium ion Battery Pack V5° 51.2V 100Ah 5.12kWh

委托单位： 上海派智能源股份有限公司  
Shanghai PYTES Energy Co., Ltd.

生产单位： 上海派智能源股份有限公司  
Shanghai PYTES Energy Co., Ltd.



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. 本鉴定书不涉及样品的成分鉴别，委托单位必须保证提供给本公司的样品与实际的出运货物相一致且相关成分等资料真实完整，由于样品与委托信息的真实性所带来的法律责任和其他后果均由委托单位自行承担。  
The certification does not involve ingredient analysis of the sample. It is the client's responsibility to guarantee that samples provided for appraisal are consistent with the goods to be transported and that relevant information and documents (eg: information on ingredients) submitted are authentic and complete. Otherwise, the client shall bear any legal liability and other possible consequence arising from the authenticity of samples and information provided.
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  
West Guangfu Road, Shanghai, China.

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. 212300770714623

Page 1/3

Certification for Safe Transport of Chemical Goods

样品名称 Sample Name	中文 Chinese	锂离子电池组 V5° 51.2V 100Ah 5.12kWh				
	英文 English	Lithium ion Battery Pack V5° 51.2V 100Ah 5.12kWh				
委托单位 Consignor		上海派智能源股份有限公司 Shanghai PYTES Energy Co., Ltd.				
生产单位 Manufacturer		上海派智能源股份有限公司 Shanghai PYTES Energy Co., Ltd.				
检验方法、程序 Inspection method and procedure		国际航空运输协会《危险品规则》64版 IATA Dangerous Goods Regulations (DGR) 64th Edition				
样品外观 Sample appearance		银色金属外壳 Silvery Metal shell				
包装件信息 Package information		/				
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	单颗重量kg Unit weight	数量 Quantity
1	可充电锂离子电池组 Rechargeable Li-ion battery	V5°	100Ah 5.12kWh	电池单独运输 Battery only	44.5	1
鉴定结论 IDENTIFICATION CONCLUSION	1. 危险性识别 (Hazards identification) 杂项。 Miscellaneous.					
	2. 空运按照国际航空运输协会《危险品规则》办理的类项 (Suggestion according to IATA DGR) Shipping name: lithium ion batteries Class or division: 9 UN Number: UN3480					
	3. 包装要求 (Packaging requirements) 按包装说明965第IA部分要求办理。 The goods are packaged according to the Packaging Instruction 965 section IA. 仅限货机 Cargo Aircraft Only					
	<div> <div>检验日期: 2023-04-10 Inspection Date:</div> <div>签发日期: 2023-04-10 Issue Date:</div> <div>生效日期: 2023-04-10 Effective Date:</div> </div>					
备注 Comment		/				

批准  
Approver: 王宝

审核  
Checker: 董学彬

主检  
Appraiser: 孙清






# 货物运输条件鉴定书

Certification for Safe Transport of Chemical Goods

NO. 212300770714623

Page 2/3

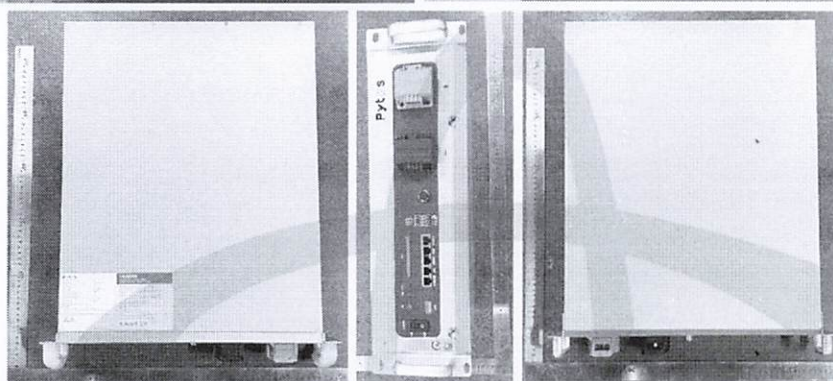
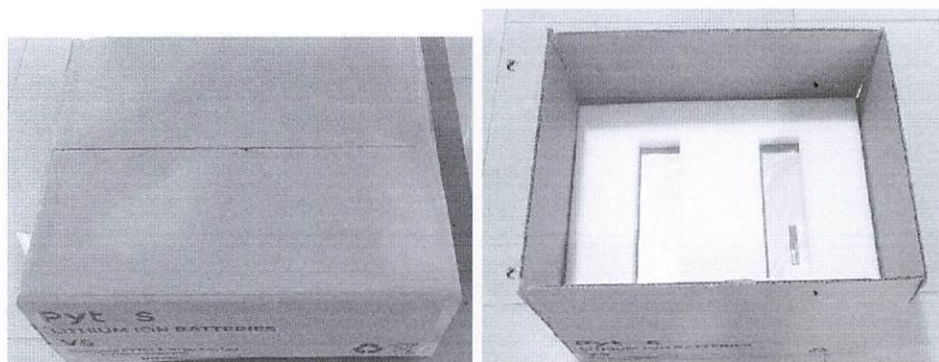
序号 No.	检验结果及其他事项 Inspection results and other things
1	<p>本报告所述锂电池按照《危险品规则》(64版) 3.9.2.6.1(e)规定的质量管理体系进行制造。</p> <p>本报告所述锂电池不属于因安全原因召回的锂电池。</p> <p>本报告所述锂电池不进行以回收或处置为目的的航空运输, 不属于废弃锂电池。</p> <p>Lithium cells and batteries listed in this report were manufactured under the quality management program described in IATA DGR 64th 3.9.2.6.1(e).</p> <p>Lithium cells and batteries listed in this report are not the defective cells or batteries returned to the manufacturer for safety reasons.</p> <p>Lithium cells and batteries listed in this report are not waste lithium cells or batteries, and they will not be shipped for recycling or disposal.</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。</p> <p>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.</p> <p>UN38.3试验概要编号</p> <p>The UN38.3 Test Summary No. (s)</p> <p>812300300521350</p> <p>详细信息请扫描右侧二维码。</p> <p>Please scan the QR code on the right for more information.</p> 
3	<p>锂电池必须完全封装在内包装内, 位于坚固的外包装中。完成包装件必须满足II级包装的性能要求。</p> <p>Lithium cells and batteries must be packed in inner packagings that completely enclose the cell or battery and placed in a strong outer packaging. The completed package must meet the Packing Group II performance requirements.</p>
4	<p>电池具有适当的防短路措施。</p> <p>Cells and batteries are properly protected to prevent short circuits.</p>
5	<p>每个包装件必须使用9类锂电池危险性标签(DGR图7.3.X)。</p> <p>每个包装件必须贴有“仅限货机”标签(DGR图7.4.B)。</p> <p>Each package must be labelled with the Class 9-Lithium Battery hazard label(Figure 7.3.X in IATA DGR).</p> <p>Each package must be labelled with the "Cargo Aircraft Only" label(Figure 7.4.B in IATA DGR).</p>
6	<p>根据委托单位声明, 本报告所述锂离子电池交付运输时, 其荷电状态必须不超过额定容量的30%。</p> <p>According to the statement of the consignor, lithium ion cells and batteries listed in this report must be offered for transport at a state of charge (SoC) not exceeding 30% of their rated capacity.</p>
7	<p>电池不得与第1类爆炸品(1.4S项除外), 2.1项易燃气体, 第3类易燃液体, 4.1项易燃固体或5.1项氧化性物质等危险品包装在同一外包装或集合包装内。</p> <p>Cells and batteries must not be packed in the same outer packaging or overpack with dangerous goods classified in Class 1 (explosives) other than Division 1.4S, Division 2.1 (flammable gases), Class 3 (flammable liquids), Division 4.1 (flammable solids) or Division 5.1 (oxidizers).</p>
-验证码:212597-	



货物运输条件鉴定书  
Certification for Safe Transport of Chemical Goods

NO. 212300770714623

Page 3/3



<b>Pytes</b>	
Battery Model	V5°
Battery Cell Type	Li-ion Battery
Operating Voltage Range	47.5V~57.6V
Nominal Voltage	51.2V
Rated Energy	5.12kWh
Rated Capacity	100Ah
Rated Charge/Discharge Current	75A
Maximum Charge/Discharge Current	100A
Maximum Charge/Discharge Power	5120W
Operating Temperature	0°C~45°C



\*\*\*报告结束\*\*\*