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货物运输条件鉴定书

Certification for Safe Transport of Goods

第九类危险品 Dangerous Goods Class 9

Sample Name: AC Battery 1.5 (ACB1.5)

Applicant: Enphase Energy New Zealand Limited

广东检验检疫技术中心
Guangdong Inspection And Quarantine Technology Center

地址: 中国广州市珠江新城花城大道66号B座
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货物名称 Goods Name		AC Battery 1.5 (ACB1.5)					
型号 Model		IQ7-B1200-LN-I-INT01-RV0		电芯型号 Cell Model		WX12I3250	
委托单位 Applicant		Enphase Energy New Zealand Limited					
生产单位 Manufacturer		Flextronics Electronics Technogy(Shenzhen) Co.,Ltd					
检查方法、程序 Inspection Method and Procedure		国际海事组织《国际海运危险货物规则》(38-16 版) IMO International Maritime Dangerous Goods Code (38-16 Edition)					
样品外观 Sample Appearance		白色塑料外壳 White plastic shell					
包装件信息 Package Information		电池数量 Quantity	1 个 1 PCS	重量 Weight	24.80kg	尺寸 Size	535mm(L)*280mm(W) *385mm(H)
电池 信息 Battery Information	序号	类型 Type	型号 Model		瓦特-小时额定值 Watt-hour rating /锂含量 Li content	放置方式 Placement	
	1	锂离子电池 Lithium ion batteries	AC Battery 1.5 (ACB1.5)		1280Wh	只有电池 Battery only	
鉴定结论 Identification Conclusion		<p>1. 危险性识别(Hazards identification): 锂离子电池/ Lithium ion batteries.</p> <p>2. 按照《国际海运危险货物规则》办理类项(Suggestion according to IMDG) 可按非限制性货物条件办理 The substance is not subject to IMDG</p> <p>3. 包装要求(Packaging requirements): 根据《国际海运危险货物规则》特殊规定 188 条办理。 The goods are packaged according to the special provisions 188 of IMDG.</p> <p>检验日期(Inspection date): 2019-01-11~2019-01-14</p> <p>签发日期(Valid date): 2019-01-14</p> <p>报告有效期(Period of validity): 2019-12-31</p>					
备注 Remark		每个包装件应贴有 9 类锂电池危险性标签。 Each package must be labelled with a Class 9-Lithium Battery hazard label.					



批准 Approver: 审核 Checker: 主检 Appraiser:

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图片/Photo

<p>包装件 Package</p>		
<p>电池与电芯 Battery and Cell</p>		<p>ENPHASE Model: IQ7-B1200-LN-I-INT01-RV0</p> <p>Input & Output Ratings Rated AC Voltage: 230V AC max. cont. input/output current: 1.13A Frequency: 50Hz No. of Phases: 1φ (L, N, PE) Max. Cont. Output Power: 260W / 260VA Output Power Factor Range: - 0.7 to + 0.7 Ambient Operating Temp: -20°C to +45°C Inverter Topology: Isolated Environmental Rating: IP20 Protective Class: I</p> <p>Do not throw away. Contents recyclable. Designed in California & New Zealand. Assembled in China.</p> <p>WARNING: RISK OF ELECTRIC SHOCK. DO NOT OPEN ENCLOSURE. NO SERVICEABLE PARTS. WAARSCHUWING: RISICO OP ELEKTRISCHE SCHOKKEN. OPEN DE BEHUIZING NIET. BEVAT GEEN DOOR DE GEBRUIKER TE REPAREREN ONDERDELEN. AVERTISSEMENT: RISQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR LE BOITIER. IL N'Y A AUCUNE PIECE REPARABLE A L'INTERIEUR. Integrated Inverter Model: S270-ACB-15-LN-INT</p>

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序号 No.	检查结果及其他事项 Inspection results and other things
1	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。(证书编号: 01051800003403-1(E)). Lithium cells and batteries listed in this report are of the types proven to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3. (Test Report No.: 01051800003403-1(E)).
2	本报告所述锂电池按照《国际海运危险货物运输规则》(38-16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 programmer as described in IMDG CODE (Amdt.38-16) 2016 Edition 2.9.4(5).
3	锂电池具有适当的防短路措施。 Cells and batteries are properly protected so as to prevent short circuits.
4	锂电池有适当的保护措施防止其在包装件内移位。 Cells and batteries are properly protected so as to secure against moment within the outer package.
5	每个包装件必须使用9类锂电池危险性标签(9A号), 但9类杂项危险性标签(9号)可继续使用至2018年12月31日。 Each package must be labelled with the Class 9-Lithium Battery hazard label (Model No.9A), except that the Class 9-Miscellaneous hazard label (Model No.9) may continue to be used until 2018-12-31.
备注 Remark	适用于海运。 Be applicable to transport by sea

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注意事项

Important

1. 本报告无检验单位公章无效。

The test report is invalid without the official stamp of IQTC.

2. 未经本实验室书面同意, 不得部分地复制本报告。

Nobody is allowed to photocopy or partly photocopy this report without written permission of IQTC.

3. 本报告无批准人、审核人及主检人签名无效。

The test report is invalid without the signatures of Approver, Checker and Appraiser.

4. 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.

5. 本报告涂改无效。

The test report is invalid if altered.

6. 对检验报告若有异议, 应于收到报告之日起十五日内向检验单位提出。

Objection to the test report must be submitted to IQTC within 15 days.

7. 本报告仅对送检样品负责。

The test report is valid for the tested samples only.



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货物运输条件鉴定书

Certification for Safe Transport of Goods

锂电池—符合包装说明 965 第 IA 部分

Lithium Ion Batteries—Applies to Section IA of Packing Instruction 965

Sample Name: AC Battery 1.5 (ACB1.5)

Applicant: Enphase Energy New Zealand Limited

广东检验检疫技术中心
Guangdong Inspection And Quarantine Technology Center

地址: 中国广州市珠江新城花城大道66号B座
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货物名称 Goods Name		AC Battery 1.5 (ACB1.5)					
型号 Model		IQ7-B1200-LN-I-INT01-RV0		电芯型号 Cell Model		WX12I3250	
委托单位 Applicant		Enphase Energy New Zealand Limited					
生产单位 Manufacturer		Flextronics Electronics Technogy(Shenzhen) Co.,Ltd					
检查方法、程序 Inspection Method and Procedures		国际航空运输协会《危险品规则》60版 IATA Dangerous Goods Regulations (DGR) 60th Edition					
样品外观 Sample Appearance		白色塑料外壳 White plastic shell					
包装件信息 Package Information		电池数量 Quantity	1个 1 PCS	净数量 Net quantity	24.80kg	尺寸 Size	535mm(L)*280mm(W) *385mm(H)
电池 信息 Battery Information	序号	类型 Type	型号 Model		瓦特-小时额定值 Watt-hour rating /锂含量 Li content	放置方式 Placement	
	1	锂离子电池 Lithium ion batteries	AC Battery 1.5 (ACB1.5)		1280Wh	只有电池 Battery only	
鉴定结论 Identification Conclusion		<p>1. 危险性识别(Hazards identification): 锂离子电池/Lithium ion batteries.</p> <p>2. 按照国际航空运输协会《危险品规则》办理类项(Suggestion according to IATA DGR) 该物品满足包装说明 965 基本要求和第 IA 部分的规定。 The goods meet the requirements in General Requirements and section IA of Packaging Instruction 965.</p> <p>3. 包装要求(Packaging requirements): 根据包装说明 965-IA 部分办理, 仅限货机。 The goods are packaged according to the packaging instruction 965 section IA, Cargo Aircraft only.</p> <p>检验日期(Inspection date): 2019-01-11~2019-01-14</p> <p>签发日期(Valid date): 2019-01-14</p> <p>报告有效期(Period of validity): 2019-12-31</p>					
备注		每个包装件应贴有 9 类锂电池危险性标签和仅限货机标签。 Each package must be labelled with a Class 9-Lithium Battery hazard label and the cargo aircraft only label.					



批准
Approver: 

审核
Checker: 

主检
Appraiser: 

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图片/Photo

<p>包装 件 package</p>		
<p>电池 与 电 芯 Battery and Cell</p>		<p>ENPHASE Model: IQ7-B1200-LN-I-INT01-RV0</p> <p>Input & Output Ratings Rated AC Voltage: 230V AC max. cont. input/output current: 1.13A Frequency: 50Hz No. of Phases: 1φ (L, N, PE) Max. Cont. Output Power: 260W / 260VA Output Power Factor Range: -0.7 to +0.7 Ambient Operating Temp: -20°C to +45°C Inverter Topology: Isolated Environmental Rating: IP20 Protective Class: I</p> <p>Do not throw away. Contents recyclable. Designed in California & New Zealand. Assembled in China.</p> <p>WARNING: RISK OF ELECTRIC SHOCK. DO NOT OPEN ENCLOSURE. NO SERVICEABLE PARTS. WAARSCHUWING: RISICO OP ELEKTRISCHE SCHOKKEN. OPEN DE BEHUIZING NIET. BEVAT GEEN DOOR DE GEBRUIKER TE REPAREREN ONDERDELEN. AVERTISSEMENT: RISIQUE DE CHOC ELECTRIQUE. NE PAS OUVRIR LE BOITIER. IL N'Y A AUCUNE PIECE REPARABLE A L'INTERIEUR.</p> <p>Integrated Inverter Model: S270-ACB-15-LN-INT</p>



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序号 No.	检查结果及其他事项 Inspection results and other things
1	<p>客户声明 Consignor announcement: 本报告所述锂电池无明显安全缺陷, 不属于因安全原因召回的锂电池; Lithium cells and batteries listed in this report have no significant defect, and they are not the defective cells or batteries returned to the manufacturer for safety reasons. 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; 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 from air transport. 本报告所述锂电池按照《危险品规则》3.9.2.6(e)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 programmer as described in DGR 3.9.2.6(e). 提供用于空运的锂电池所带的电量不可超过额定容量的 30% Lithium ion cells and batteries must be offered for transport at a state of charge (SOC) not exceeding 30% of their rated design.</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(证书编号: 01051800004215-1(E)). Lithium cells and batteries listed in this report are of the types proven to meet the requirements of each applicable test in the UN Manual of Tests and Criteria, Part III, sub-section 38.3(Test Report No.: 01051800004215-1(E)). 包装件的净数量不超过 35kg Packages of net quantity not exceeding 35kg</p>
3	<p>锂电池完全封装在内包装内, 位于坚固的外包装中, 电池具有适当的防短路措施。 Lithium cells and batteries are packed in inner packaging's that completely enclose the cell or battery and placed in a strong outer packaging. Cells and batteries are properly protected to prevent short circuits.</p>
4	<p>电池芯和电池不可与第 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 项氧化性物质的危险品放入同一个外包装中。 Cells and batteries must not be packed in the same outer packaging 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). 电池芯和电池的包装件不可与第 1 类爆炸品 (1.4S 项除外), 2.1 项, 第 3 类, 4.1 项或 5.1 项危险品的包装件放入同一个 Overpack 中。 Packages containing cells or batteries must not be placed in an overpack with packages containing dangerous goods classified in Class 1 other than Division 1.4S, Division 2.1, Class 3, Division 4.1 or Division 5.1.</p>
5	<p>电池重量大于等于 12Kg 并有坚固耐冲击的外壳, 并且装在保护性外壳中(例如木板箱)可以运输并且不受第六章的管制, 如果有产地国的豁免。豁免文件必须放在货物当中。 Batteries with a weight of 12kg or greater and having a strong, impact-resistant outer casing, or assemblies of such batteries, may be transported when packed in strong outer packaging's or protective enclosures (e.g. in fully enclosed or wooden slated crates) not subject to the requirements of Section 6 of these Regulation, if approved by the appropriate authority of the State of origin. A copy of the document of approval must accompany the consignment</p>
6	<p>2011 年 11 月 31 日后制造的电池要在外包装上标明瓦时数。 Batteries manufacture after 31 December 2011 must be marked with the Watt-hour rating on outside case.</p>
备注 Remark	<p>适用于空运。 Be applicable to transport by air.</p>



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