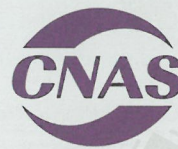




海运
By Sea



中国认可
检验
INSPECTION
CNAS IB0078

运输危险性鉴别报告书

Identification and Classification Report for Transport of Goods

非限制性
(Not subject to these Regulations)

此报告本年度有效
有效期至2025年12月31日

报告编号:

SEKGZ202509037820WY880001

Issued No:

生效日期:

2025.09.08

Effective Date:

委托单位:

GRABO LIMITED

Applicant:

/

物品名称:

GRABO Pro Brushless电池组 tb33000 20V 2600mAh 52Wh (与GRABO PRO BRUSHLESS 电动吸盘 GPB-FB-FS 包装在一起)

Name of Goods:

GRABO Pro Brushless Battery tb33000 20V 2600mAh 52Wh (Packed with GRABO PRO BRUSHLESS suction cup GPB-FB-FS)

北京迪捷姆空运技术开发有限公司

Beijing DGM Air Transport Technology Development Co.,Ltd.



报告书使用约定

Terms of the Using of the Report

1. 本公司依据委托人（托运人或其代理人）提供的物品及其运输信息，确定物品的危险性并出具此报告书。

The report is issued by DGM China according to the information of the goods and the information of its shipping provided by the applicant (shipper or his agent).

2. 依据鉴别的需要，本公司要求委托人提供真实、完整的样品及资料。

According to the demand of identification and classification, DGM China requires the applicant to provide true and exact sample and data of the goods.

3. 委托人保证申报的物品和/或提供的样品与交运的货物是同一种物质。

The applicant guarantees that the declared goods and/or the sample who provides should be identical with the contents of cargo that is to be transported.

4. 本公司仅对委托方所提供样品的鉴别结果负责。

DGM China is only responsible for the identification and classification of the sample provided by the applicant.

5. 本报告书经主检员、审核人和批准人签字并加盖本公司印章后生效。

This report will be effective only after it is signed by the inspector, checker and approver, and stamped by DGM China.

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The duplicating of this report is prohibited without the written approval of DGM China.

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The report is invalid when anything of the following happens - illegal transfer, reproduce, embezzlement, imposture, modification or tampering in any media form.

8. 报告书仅在本年度内有效。

This report is only valid within the year.

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E-mail: test@dgmchina.com.cn



项目编号 Item No.		SEKGZ202509037820	签发日期 Issued Date	2025.09.08
鉴别目的 Identification Purpose		是否属于运输危险物品 Dangerous Goods or not restricted	鉴别日期 Identification Date	2025.09.03-2025.09.08
鉴别依据 Identification Criteria		IMDG CODE (Amdt 42-24)		
物品名称 Name of Goods	中文名称 Name of Chinese	GRABO Pro Brushless电池组 tb33000 20V 2600mAh 52Wh (与GRABO PRO BRUSHLESS 电动吸盘 GPB-FB-FS 包装在一起)		
	英文名称 Name of English	GRABO Pro Brushless Battery tb33000 20V 2600mAh 52Wh (Packed with GRABO PRO BRUSHLESS suction cup GPB-FB-FS)		
生产厂家 Manufacturer		深圳优特能源科技有限公司东莞分公司 Shenzhen Youtek Energy Technology Co.,Ltd. Dongguan Branch		
物品信息 Nature of Goods		该物品为锂离子电池，黑灰色，近长方体，尺寸：120*77*54mm。 型号/族号：tb33000 与设备包装在一起 (注：单块电池的重量约为380.955g。设备：GRABO PRO Brushless 电动吸盘；型号：GPB-FB-FS；商标：GRABO。每台设备与1块电池包装在一起，每包装件内含4台设备。该包装件另含锂锰扣式电池 CR2016，包装件电池总净重为1.537Kg。) The goods are lithium ion batteries, dark grey, almost cuboid, Size:120*77*54mm. Model/Group:tb33000 Packed with equipment		
鉴别结论 Conclusions		非限制性 (Not subject to these Regulations)		
		UN 编号(UN No.):	/	
		运输专用名称(PSN)	/	
		危险性类别(Class or Div.)	/	
		包装等级(PG)	/	
备注 Comment		根据 IMDG CODE特殊规定188不受限制，可按非危险货物运输。 Not Restricted As per IMDG CODE Special Provision 188 and can be shipped as non-dangerous goods.		
主检员 Appraiser		张园梁	审核人 Checker	毕纪纪
			批准人 Approver	07 李延伟
			报告单位 (盖章) Stamp	



项目编号 Item No.		SEKGZ202509037820	
物品名称 Name of Goods	中文名称 Name of Chinese	GRABO Pro Brushless电池组 tb33000 20V 2600mAh 52Wh (与GRABO PRO BRUSHLESS 电动吸盘 GPB-FB-FS 包装在一起)	
	英文名称 Name of English	GRABO Pro Brushless Battery tb33000 20V 2600mAh 52Wh (Packed with GRABO PRO BRUSHLESS suction cup GPB-FB-FS)	
鉴别项目名称 Item			检验结果 Inspection Result
该电池额定瓦特小时数为 52 Wh。 Watt-hour rating of the battery is 52 Wh.			≤100Wh
锂电池已通过 UN38.3 测试。 Each battery is of a type proved to meet the Requirements of each test in the UN MANUAL OF TESTS AND CRITERIA, Part III,sub-section 38.3.			符合 Conform
电池按照规定的质量管理体系进行制造。 Batteries be manufactured under a quality management programme.			符合 Conform
该锂电池不属于召回电池，不属于废弃和回收电池。 The lithium batteries don't belong to batteries returned to the manufacturer for safety reasons, are not waste lithium batteries and not lithium batteries being shipped for recycling or disposal.			符合 Conform
通过包装件 1.2 米跌落试验。 Each package is capable of withstanding a 1.2m drop test in any orientation.			符合 Conform
包装件需要按照特殊规定188的要求进行适当标记。 The package must be appropriately marked according to special provision 188.			符合 Conform
每票托运物品均有随附文件说明： 包装件内装锂离子电池或电芯； 必须小心操作。如包装件破损，有易燃危险性； 包装件破损时应采取的特殊措施，包括检查和必要时的重新包装； 应急电话号码。 Each consignment is accompanied with a document with an indication that: the package contains lithium ion cells or batteries; the package must be handled with care, and that a flammability hazard exists if the package is damaged; special procedures should be followed in the event the package is damaged, to include inspection and repacking if necessary; and a telephone number for additional information.			不适用 Not applicable
/			/
/			/
注意事项 Remarks	每一单电池必须做好防短路措施，并装入坚固外包装内。 Each single battery must be packed in such a way as to prevent short circuits under the normal conditions and packed in strong outer packagings.		

出单：王义



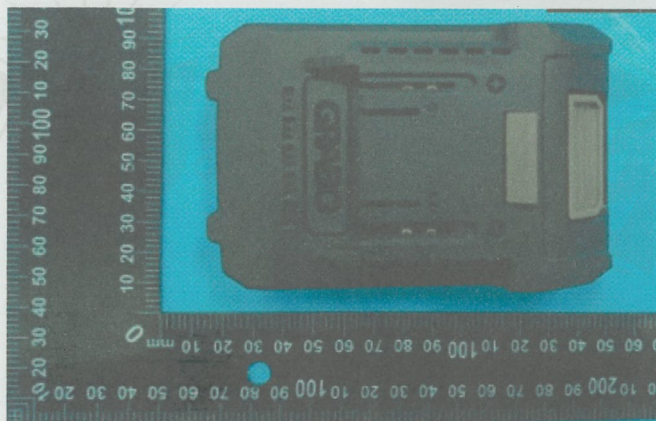
北京迪捷姆空运技术开发有限公司

项目编号: SEKGZ202509037820

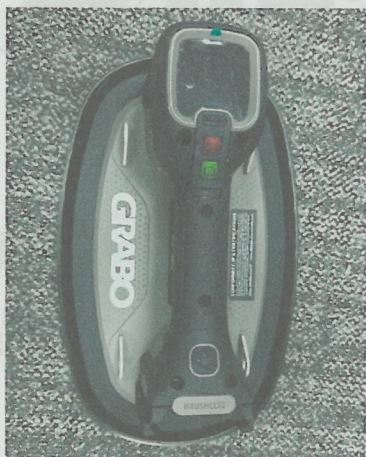
物品名称: GRABO Pro Brushless 电池组 tb33000 20V 2600mAh 52Wh (与 GRABO Pro BRUSHLESS 电动

吸盘 GPB-FB-FS 包装在一起)

电池/电芯 Battery / Cell:



设备 Equipment:



包装件 Package:



锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: SEKGZ202509037820

单位信息 Company Information					
委托单位 Consignor	GRABO LIMITED 21st Floor, CMA Building 64 Connaught Road Central Hong Kong 电话/Tel: 0752-2369680 邮箱/Mail: iris@grabo.com				
生产单位 Manufacturer	深圳优特能源科技有限公司东莞分公司/ Shenzhen Youtek Energy Technology Co.,Ltd. Dongguan Branch 广东省东莞市大朗镇新宝三街 8 号长银产业园 2 栋 4 楼/4th Floor, Building 2, Changyin Industrial Park, No.8, Xinbao 3rd Street, Dalang Town, Dongguan City, Guangdong Province 电话/Tel: 0752-2369680 邮箱/Mail: iris@grabo.com 网址/Website: https://www.unitek-corp.com				
测试单位 Test Lab	深圳市德莱新能源检测技术有限公司/ Shenzhen DL New Energy Testing Technology Co., Ltd. 深圳市坪山区坪山街道六和社区宝山第二工业区 102 栋深圳市捌零后物业管理有限公司厂房/ Room 101, Building 102, Baoshan Second Industrial Zone, Liuhe Community, Pingshan Street, Pingshan District, Shenzhen City, China 电话/Tel: 400-6823-836 邮箱/Mail: de@dine-cert.com 网址/Website: http://dine-cert.com				
电池信息 Battery Information					
名称 Name	GRABO Pro Brushless 电池组 GRABO Pro Brushless Battery	电池/电芯类别 Battery/Cell Classification		锂离子电池 Li-ion Battery	
型号 Type	tb33000	商标 Trademark		GRABO	
额定电压 Normal Voltage	20V	额定容量 Rated Capacity		2600mAh	
额定能量 Watt-hour rating	52Wh	外观 Appearance		黑灰杂色近长方体 Approximate Black and Gray Cuboid	
质量/Mass	380.955 g	锂含量/Li Content		不适用 N/A	
测试信息 Test Information					
测试报告编号 Test Report Number	DLDN-250815002R	测试报告签发日期 Date of Test Report		2025-08-28	
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《试验和标准手册》（第 8 版）38.3 节 UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/Subsection 38.3				
T.1: 高度模拟 Altitude Simulation	通过 Pass	T.2: 温度试验 Thermal Test	通过 Pass	T.3: 振动 Vibration	通过 Pass
T.4: 冲击 Shock	通过 Pass	T.5: 外部短路 External Short Circuit	通过 Pass	T.6: 撞击/挤压 Impact/Crush	通过 Pass
T.7: 过度充电 Overcharge	通过 Pass	T.8: 强制放电 Forced Discharge	通过 Pass		
UN38.3.3.1(f)或/or UN38.3.3.2(d)	不适用 N/A		UN38.3.3.1(g) 或/or UN38.3.3.2(e)		不适用 N/A
签名 Signatory 职务 Title	张国梁 ZhangGuoliang 检验员 Inspector: 张国梁 ZhangGuoliang		签发日期 Issued Date 2025-09-08		