



中国认可
检验
INSPECTION
CNAS IB0078

危险物品
DANGEROUS GOODS

仅限货机运输

航空运输危险性鉴别报告

Identification and Classification Report for Air Transport of Goods

报告编号:

PEKSZ202601160364LTT480001

Issued No.:

生效日期:

2026. 01. 19

Effective Date:

委托单位:

ACCU-24 Batterien & Systeme GmbH

Applicant:

物品名称:

磷酸铁锂电池A-LFP-12-40 12.8V 40Ah 512Wh

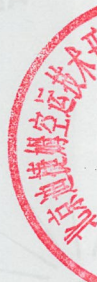
Name of Goods:

LiFePO4 Supply Battery A-LFP-12-40 12.8V 40Ah 512Wh

北京迪捷姆空运技术开发有限公司

Beijing DGM Air Transport Technology Development Co.,Ltd.

此报告本年度有效
有效期至2026年12月31日



报告书使用约定

Terms of the Using of the Report

1. 本公司依据本年度国际航协《危险品规则》以及委托人（托运人或其代理人）提供的物品及其运输信息，确定物品的航空运输危险性并出具此报告书。
The report is issued by DGM China according to IATA *Dangerous Goods Regulations* published in the current year and 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.
6. 未经本公司书面批准，不得复制本报告书。
The duplicating of this report is prohibited without the written approval of DGM China.
7. 私自转让、复制、盗用、冒用、涂改、或以任何媒体形式篡改的报告书无效。
The report is invalid when anything of the following happens - illegal transfer, reproduce, embezzlement, imposture, modification or tampering in any media form.
8. 为适应国际航协《危险品规则》的年度变化，报告书仅在本年度内有效。
This report is only valid within the year in which the IATA *Dangerous Goods Regulations* is effective.

地址：北京首都国际机场货运北路天竺综合保税区BGS货运楼249室 邮编：101300

电话：010-69479673

传真：010-69479621

网址：www.dgmchina.com.cn

E-mail: test@dgmchina.com.cn



项目编号 Item No.	PEKSZ202601160364	签发日期 Issued Date	2026. 01. 19
鉴别目的 Identification Purpose	是否属于航空运输危险物品 Dangerous Goods or not restricted	鉴别日期 Identification Date	2026. 01. 18
鉴别依据 Identification Criteria	IATA DGR 67th, 2026		
物品名称 Name of Goods	中文 Chinese	磷酸铁锂电池A-LFP-12-40 12.8V 40Ah 512Wh	
	英文 English	LiFePO4 Supply Battery A-LFP-12-40 12.8V 40Ah 512Wh	
生产厂家 Manufacturer	深圳市凯曼达科技有限公司 Shenzhen Kamada Electronic Co., LTD		
件数 Pieces		托运人或托运人代理人声明 本人（本单位）声明：上述运输信息填写真实、准确，鉴别报告已获得委托单位的授权使用，实际运输的货物情况与本鉴别报告一致。如因信息填写错误、实际运输的货物情况与本鉴别报告不一致造成的一切后果，由本人（本单位）承担全部责任，并赔偿对承运人造成的全部损失。 托运人或托运人代理人签字： 盖章：	
运单号 Air waybill No.			
目的港 Destination			
物品信息 Nature of the goods	该样品为黑色近长方体电池。 型号：A-LFP-12-40 尺寸：197*130*168mm 每包装件中电池/电芯数量：1 每包装件中电池/电芯净重：4.3626kg 该电池已经做好防短路措施并装入坚固的外包装内。该锂电池不属于召回电池，不属于废弃和回收电池，并按DGR3.9.2.6.1(e)规定的质量体系进行制造。根据委托方所提供的声明：本报告所述锂离子电池（或电芯）交付运输时，其荷电状态不超过设计额定容量的30%。 (注：单块电池的重量约为4362.6g。该电池由泡沫棉固定包装，以防止短路。) This sample is black almost cuboid battery. Model: A-LFP-12-40 Size: 197*130*168mm Number of batteries / cells per package: 1 Net quantity of batteries/cells per package: 4.3626kg Batteries have been protected so as to prevent short circuits and packed in strong rigid outer packagings. 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, are manufactured under a quality management program as described in 3.9.2.6.1(e). Lithium ion cells and batteries must be offered for transport at a state of charge (SoC) not exceeding 30% of their rated design capacity.		



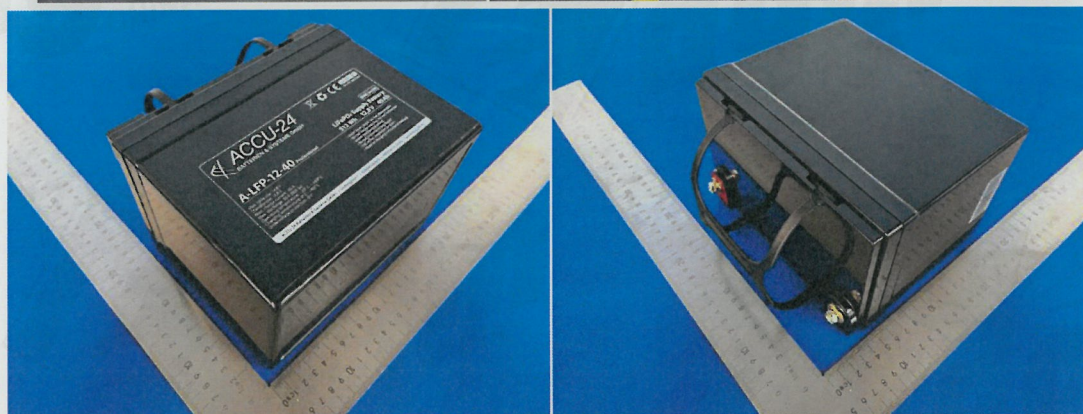
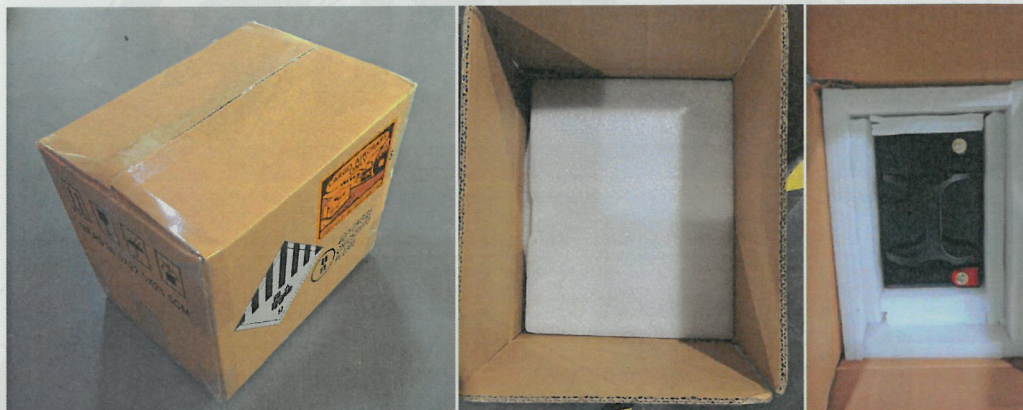
项目编号 Item No.		PEKSZ202601160364			
物品名称 Name of Goods	中文 Chinese	磷酸铁锂电池A-LFP-12-40 12.8V 40Ah 512Wh			
	英文 English	LiFePO4 Supply Battery A-LFP-12-40 12.8V 40Ah 512Wh			
鉴别结论 Conclusions		该物品为锂离子/聚合物电池，单独包装。额定瓦特小时为512Wh。已通过 UN38.3 测试。 参考有关资料，根据DGR有关规定，该物质分类识别为第9类（或项）危险品，UN3480。 This goods is lithium ion/polymer battery,packed individually.Watt-hour rating is 512Wh.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. According to IATA DGR this substance is classified as dangerous goods Class (or division)9,UN3480.			
运输危险性 建议 Suggestion for Transport	UN/ID 编号 UN/ID No.	运输专用名称 Proper Shipping Name		类或项 Class or Div. (次要危险性) (Subsidiary Risk)	包装等级 Packing Group
	UN3480	Lithium ion batteries		9	
	包装说明 Packing Inst.	客货机 Passenger and Cargo Aircraft	Forbidden		
		仅限货机 Cargo Aircraft only	965 IA		
	注意事项 Remarks	包装必须达到II级包装的性能标准 Packagings must meet Packing Group II performance standards.			
主检员 Prepared by:		审核人 Checked by:		批准人 Approved by:	
曾平平		邓磊		报告单位（盖章） Stamp	

制单： 李涛



磷酸铁锂电池 A-LFP-12-40 12.8V 40Ah 512Wh

PEKSZ202601160364



**ACCU-24**
BATTERIEN & SYSTEME GmbH



UN 38.3 ☒
Art.-Nr.: 8000948

A-LFP-12-40 Professional

LiFePO₄ Supply Battery
512 Wh 12,8V 40 Ah

Max. cycle use: 14,8 V
Standby use: 13,8 V
Max. charge current: 40 A
Max. discharge: 50 A (80A 5s)
Operating temperature: -20° C - +60° C
Charging temperature: 0° C - +60° C
Undervoltage protection: 9 V

- avoid short circuit, do not disassemble
- do not throw into fire, do not incinerate
- avoid mechanical shock
- do not immerse in any liquid
- risk of fire, explosion or burn
- observe charging instructions/manual

BMS inside

ACCU-24 Batterien & Systeme GmbH • Untergasse 5 • 63688 Gedern • info@accu-24.de • www.accu-24.de

锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: PEKSZ202601160364

单位信息 Company Information					
委托单位 Consignor		ACCU-24 Batterien & Systeme GmbH Untergasse 5 63688 Gedern, Germany			
生产单位 Manufacturer		深圳市凯曼达科技有限公司 / Shenzhen Kamada Electronic Co., LTD 深圳市龙岗区坪地街道麻沙旭达高新产业园 4 栋 5 楼 Building 4, Mashaxuda High- tech Industry Pack, Pingdi street, Longgang District 518117, Shenzhen. P.R. China 电话/Tel: +86-18617118946 邮箱/Mail: kerry@kmdpower.com			
测试单位 Test Lab		众检检验认证(深圳)有限公司/CMC Testing International (Shenzhen) Co., Ltd. 广东省深圳市宝安区沙井街道大王山社区和二鸿奔工业区 7 栋一层二层三层 1-3/F., Building 7, He'er Hongben Industrial Zone, Dawangshan Community, Shajing Subdistrict, Baoan District, Shenzhen, Guangdong, China 电话/Tel: 400-1668-320 邮箱/Mail: info@cmczj-lab.com 网址/Website: www.cmczj-lab.com			
电池信息 Battery Information					
名称 Name	磷酸铁锂电池 LiFePO4 Supply Battery	电池/电芯类别 Battery/Cell Classification		锂离子电池 Li-ion Battery	
型号 Type	A-LFP-12-40	商标 Trademark		/	
额定电压 Normal Voltage	12.8V	额定容量 Rated Capacity		40Ah	
额定能量 Watt-hour rating	512Wh	外观/Appearance		黑色近长方体 Approximate Black Cuboid	
质量/Mass	4362.6g	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	CMC251203089		测试报告签发日期 Date of Test Report		2025.12.29
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	曾平平 检验员		签发日期 Issued Date	2026-01-17	