



海运
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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

危险物品
(Dangerous Goods)

此报告本年度有效
有效期至2026年12月31日

报告编号:

SEKSZ202512022198FL920001

Issued No:

生效日期:

2026.01.01

Effective Date:

委托单位:

深圳市正浩智造科技有限公司

Applicant:

EcoFlow Innovation ltd.

物品名称:

可充电锂离子电池组 EF-BD-5-S2 16V 314Ah 5.02kWh

Name of Goods:

Rechargeable Li-ion Battery Pack EF-BD-5-S2 16V 314Ah 5.02kWh

北京迪捷姆空运技术开发有限公司

Beijing DGM Air Transport Technology Development Co.,Ltd.



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项目编号 Item No.	SEKSZ202512022198	签发日期 Issued Date	2025.12.11
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	2025.12.09-2025.12.11
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	可充电锂离子电池组 EF-BD-5-S2 16V 314Ah 5.02kWh	
	英文名称 Name of English	Rechargeable Li-ion Battery Pack EF-BD-5-S2 16V 314Ah 5.02kWh	
生产厂家 Manufacturer	深圳比亚迪电子有限公司 Shenzhen BYD Electronics Co., Ltd.		
物品信息 Nature of Goods	<p>该物品为锂离子电池，黑色，近长方体，尺寸：680.0×310.0×200.0 mm。 型号/族号：EF-BD-5-S2 每包装件中电池或电芯数量：1块 每一包装件的毛重：48.1kg 单独包装</p> <p>(注：单块电池的重量约为45.0kg。该电池由塑料袋单独包装，以防止短路。) The goods are lithium ion batteries, black, almost cuboid, Size:680.0×310.0×200.0 mm. Model/Group:EF-BD-5-S2 Number of batteries or cells per package:1 pieces Gross weight of each package:48.1kg Cells or batteries only</p>		
鉴别结论 Conclusions	危险物品 (Dangerous Goods)		
	UN 编号(UN No.):	UN3480	
	运输专用名称(PSN)	Lithium ion batteries	
	危险性类别(Class or Div.)	9	
	包装等级(PG)		
备注 Comment	包装必须达到 II 级包装的性能标准。 Packagings must meet Packing Group II performance standard.		
主检员 Appraiser	审核人 Checker	批准人 Approver	报告单位 (盖章) Stamp
			
			



项目编号 Item No.		SEKSZ202512022198	
物品名称 Name of Goods	中文名称 Name of Chinese	可充电锂离子电池组 EF-BD-5-S2 16V 314Ah 5.02kWh	
	英文名称 Name of English	Rechargeable Li-ion Battery Pack EF-BD-5-S2 16V 314Ah 5.02kWh	
鉴别项目名称 Item			检验结果 Inspection Result
该电池额定瓦特小时数为 5.02k Wh。 Watt-hour rating of the battery is 5.02k 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.			不适用 Not applicable
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.			不适用 Not applicable
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.		

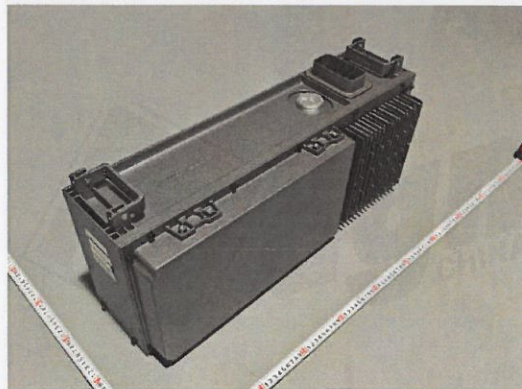
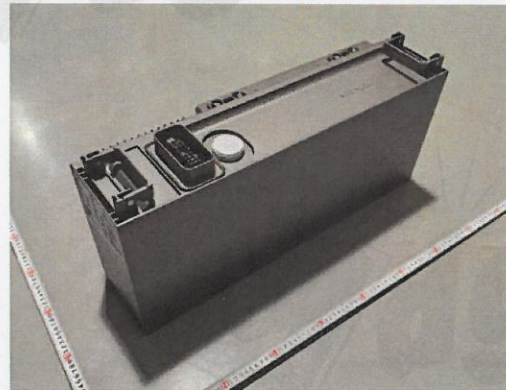
出单：冯柳



可充电锂离子电池组 EF-BD-5-S2 16V 314Ah

5.02kWh

SEKSZ202512022198



EcoFlow OCEAN 2 LFP Battery

Rechargeable Li-ion Battery Pack

Model

Nominal Voltage

Rated Capacity

Wiederaufladbarer Li-Ion-Akku

Modell

Nennspannung

Nennkapazität

EF-BD-5-S2

800V \approx / 400V \approx

5.02kWh 16V \approx

锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: SEKSZ202512022198

单位信息 Company Information					
委托单位 Consignor	深圳市正浩智造科技有限公司 EcoFlow Innovation ltd.				
生产单位 Manufacturer	深圳比亚迪电子有限公司 Shenzhen BYD Electronics Co., Ltd. 深圳市大鹏新区葵涌街道葵涌社区延安路 1 号比亚迪 A-4# 厂房 301 Room 301 of BYD A-4 Building, No.1 Yan'an Road, Kuichong Street, Dapeng New District, Shenzhen 电话/Tel: +86-755-89888888 邮箱/Mail: bydelectronics@byd.com				
测试单位 Test Lab	深圳立讯检测股份有限公司 Shenzhen LCS Compliance Testing Laboratory Ltd. 广东省深圳市宝安区沙井街道衙边学子围巨基工业园 A 栋 101、201, C 栋 101、301 Room 101, 201, Building A and Room 101, 301, Building C, Juji Industrial Park, Yabian xueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 电话/Tel: +(86) 0755-8259 1330 邮箱/Mail: webmaster@lcs-cert.com 网址/Website: http:// www.lcs-cert.com				
电池信息 Battery Information					
名称 Name	可充电锂离子电池组 Rechargeable Li-ion Battery Pack	电池/电芯类别 Battery/Cell Classification		锂离子电池 Li-ion Battery	
型号 Type	EF-BD-5-S2	商标 Trademark			
额定电压 Normal Voltage	16V	额定容量 Rated Capacity		314Ah	
额定能量 Watt-hour rating	5.02kWh	外观/Appearance		黑色近长方体 Black almost cuboid	
质量/Mass	45.0kg	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	LCSA11035269SA		测试报告签发日期 Date of Test Report		2025-11-28
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/ 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	 卢艺琳 检验员		签发日期 Issued Date	 2025-12-02	