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# 运输危险性鉴别报告书

Identification and Classification Report for Transport of Goods

此报告本年度有效  
有效期至2025年12月31日

危险物品  
(Dangerous Goods)

报告编号:

SEKSZ202503241335ZP280001

Issued No:

生效日期:

2025.03.25

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:

逆变器 EF-EA-HD-U2K-800 19.2V 100Ah 1920Wh

Name of Goods:

EcoFlow STREAM Ultra EF-EA-HD-U2K-800 19.2V 100Ah 1920Wh

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.	SEKSZ202503241335	签发日期 Issued Date	2025.03.25
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	2025.03.25-2025.03.25
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	逆变器 EF-EA-HD-U2K-800 19.2V 100Ah 1920Wh	
	英文名称 Name of English	EcoFlow STREAM Ultra EF-EA-HD-U2K-800 19.2V 100Ah 1920Wh	
生产厂家 Manufacturer	惠州市欣旺达能源科技有限公司 Huizhou Sunwoda Energy Technology Co., Ltd.		
物品信息 Nature of Goods	<p>该物品为锂离子电池，灰黑杂色，近长方体，尺寸：284.0×255.0×458.0 mm。          型号/族号：EF-EA-HD-U2K-800          每包装件中电池或电芯数量：1块          每一包装件的毛重：27.45kg          单独包装          (注：单块电池的重量约为23.1kg。)</p> <p>The goods are lithium ion batteries, grey and black, almost cuboid, Size:284.0×255.0×458.0 mm.          Model/Group: EF-EA-HD-U2K-800          Number of batteries or cells per package:1 pieces          Gross weight of each package:27.45kg          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	曾平平	审核人 Checker	蒋晓芳
		批准人 Approver	冯海
		报告单位 (盖章) Stamp	



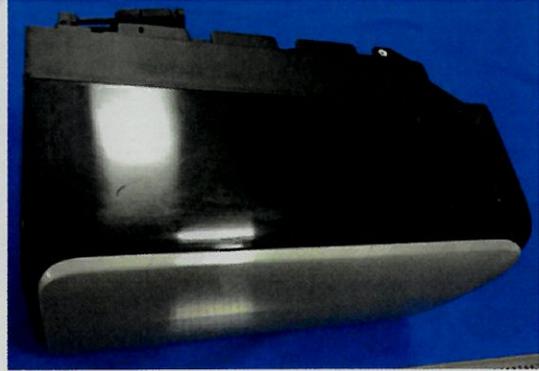
项目编号 Item No.		SEKSZ202503241335
物品名称 Name of Goods	中文名称 Name of Chinese	逆变器 EF-EA-HD-U2K-800 19.2V 100Ah 1920Wh
	英文名称 Name of English	EcoFlow STREAM Ultra EF-EA-HD-U2K-800 19.2V 100Ah 1920Wh
鉴别项目名称 Item		检验结果 Inspection Result
该电池额定瓦特小时数为 1920 Wh。 Watt-hour rating of the battery is 1920 Wh.		>100Wh
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：曾平平



# 逆变器 EF-EA-HD-U2K-800 19.2V 100Ah 1920Wh

SEKSZ202503241335



<b>Model</b>	EF-EA-HD-U2K-800
<b>PV terminal</b>	
Max. PV Input Voltage	60V $\overline{=}$
Max. PV Input Current	14A $\overline{=}$
Max. Isc. PV	20A $\overline{=}$
Max MPPT Input Power	2000W(500W per MPPT)
Operation Voltage Range	15V-60V $\overline{=}$
<b>General parameters</b>	
Protection Class	Class I
Battery Rated Voltage	19.2V $\overline{=}$
Operation Temperature Range	-20°C-55°C
Enclosure IP Degree	IP65
Isolated Method(solar)	Isolated Transformer
Rated Energy:	1920Wh
Overvoltage Category	PV: II, AC: III
Weight	23.1kg
Size	284*255*458mm
WiFi protocol, Frequency band	802.11 b/g/n, 2.4GHz

# 锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: SEKSZ202503241335

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	惠州市欣旺达能源科技有限公司 Huizhou Sunwoda Energy Technology Co., Ltd. 博罗县园洲镇沥西经济联合社振兴大道“基围笃”(土名)地段 "Jiweidu" (local name) section of Zhenxing Avenue, Lixi Economic Union, Yuanzhou Town, Boluo County, Huizhou City, Guangdong, P.R.China 电话/Tel: +86-755 2951 6888 邮箱/Mail: zengyongqing@sunwoda.com 网址/Website: www.sunwoda.com				
测试单位 Test Lab	深圳沃特检验集团股份有限公司 Waltek Testing Group Co., Ltd. 中国广东省东莞市厚街镇莞太路厚街段 77 号 No. 77, Houjie Section, Guantai Road, Houjie Town, Dongguan City, Guangdong, China 电话/Tel: +86-769-2267 6998 邮箱/Mail: info@waltek.com.cn 网址/Website: www.waltek.com.cn				
电池信息 Battery Information					
名称 Name	逆变器 EcoFlow STREAM Ultra	电池/电芯类别 Battery/Cell Classification		锂离子电池 Li-ion Battery	
型号 Type	EF-EA-HD-U2K-800	商标 Trademark		/	
额定电压 Normal Voltage	19.2V	额定容量 Rated Capacity		100Ah	
额定能量 Watt-hour rating	1920Wh	外观/Appearance		灰黑杂色近长方体 Gray-Black almost cuboid	
质量/Mass	23.1kg	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	WTX25D02033700B	测试报告签发日期 Date of Test Report		2025-03-14	
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	2025.03.24 06 DCM-CHINA	