



中国认可  
检验  
INSPECTION  
CNAS IB0078

危险物品  
DANGEROUS GOODS

## 航空运输条件鉴别报告书

### Identification and Classification Report for Air Transport of Goods

有效  
月31日

此报告本年度有效  
有效期至2021年12月31日

报告编号: PEKGZ202106174221LW080001

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Issued Date:

委托单位: 深圳市正浩创新科技股份有限公司

Applicant: Ecoflow Inc.

物品名称: 便携式移动太阳能锂电发电储能设备 EFD310 2016Wh

Name of Goods: Portable Power Station Solar Generator EFD310 2016Wh

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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## 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，确定货物的航空运输条件并出具此报告书。

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、完整的货物样品及资料。

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

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.

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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](http://www.dgmchina.com.cn)

E-mail: [test@dgmchina.com.cn](mailto:test@dgmchina.com.cn)



年14

项目编号 Item No.		PEKGZ202106174221			
物品名称 Name of Goods	中文 Chinese	便携式移动太阳能锂电发电储能设备 EFD310 2016Wh			
	英文 English	Portable Power Station Solar Generator EFD310 2016Wh			
鉴别结论 Conclusions		<p>该货物为锂离子/聚合物电池，单独包装。额定瓦特小时为2016Wh。已通过 UN38.3 测试。</p> <p>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 2016Wh.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.</p> <p>According to IATA DGR this substance is classified as dangerous goods Class (or division)9,UN3480.</p>			
建议运输条件 Suggestion for Transport Condition	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:	
张园梁		毕丽雯		报告单位（盖章） Stamp	

制单： 毕丽雯





电池 Battery:



**EcoFlow DELTA Max**

Model: EFD310

Capacity: 20kWh/50.4V

Discharge Temperature: -4 to 113°F (-20 to 45°C)

Charge Temperature: 32 to 113°F (0 to 45°C)

AC Input: 100-120V/15A/50Hz/60Hz

X-Stream Charge Input: 1800W Max

Solar/DC Input: 0-100Vdc/10A/720W Max

Total Output: 2800W

12V Output: 12.6Vdc/30A/180W Max

AC Output(\*6): 120V/20A/50Hz/60Hz/2400W Surge/5000W Peak

USB-A Output(\*2): 5Vdc/2.4A/12W Max per port

USB-A Fast Charge Output(\*2): 5V/9V/12Vdc/2.4A/28W Max per port

USB-C Output(\*2): 5V/9V/15V/20Vdc/5A/100W Max per port

www.ecoflow.com



This device complies with Part 15 of the FCC Rules.

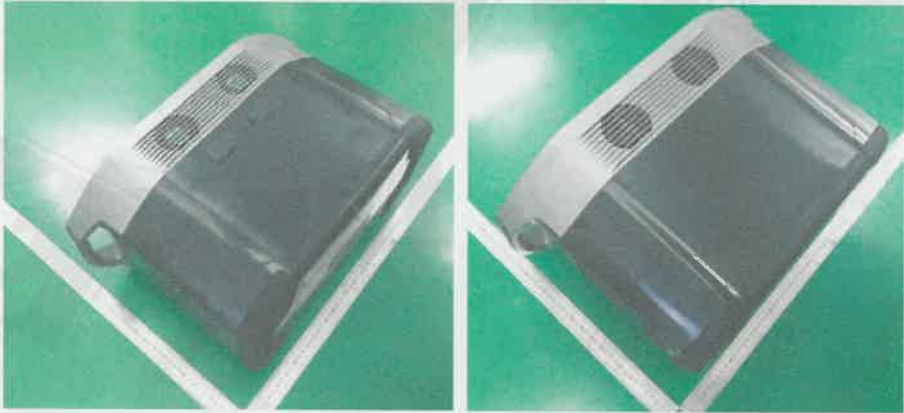
Shenzhen EcoFlow Technology Co., Ltd.  
Made in China



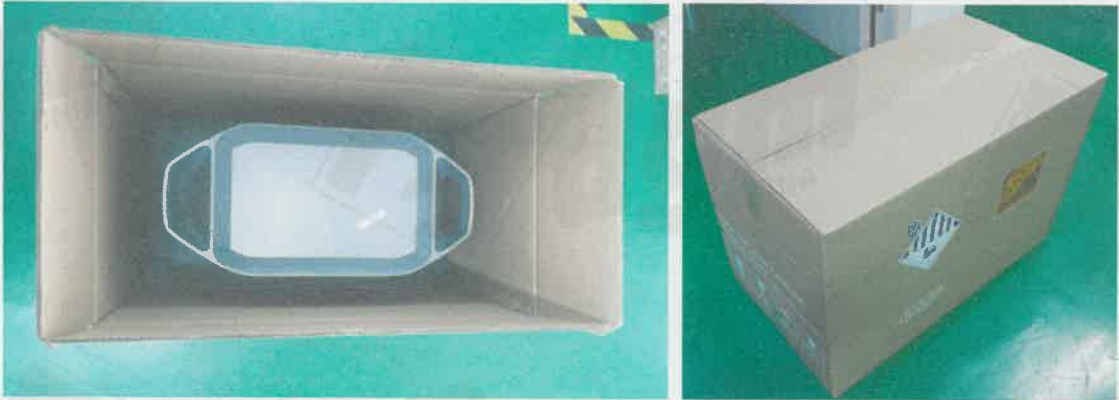
DAANZ12D412001B



此报告  
有效期至



包装件 Package:



# UN38.3 测试概要

## UN38.3 Test Summary

**委托单位名称**

Client Name

深圳市正浩创新科技股份有限公司

Ecoflow Inc.,

**产品名称**

Name of product

便携式移动太阳能锂电发电储能设备

Portable Power Station Solar Generator

**制造厂商**

Manufacturer

深圳市正浩创新科技股份有限公司

Ecoflow Inc.,

**商标型号**

Trade mark &  
model

EcoFlow/EFD310

**产品类型**

Product Type

锂离子电池组

Lithium ion battery



**中检集团南方测试股份有限公司**

CCIC Southern Testing Co., Ltd.

地址: 深圳市南山区西丽街道沙河路 43 号电子检测大厦邮政编码/P.C.: 518055

Address: Electronic Testing Building No.43 Shahe Road, Xili Road, Nanshan District, ShenZhen, Guangdong, China

电话/TEL: 86-755-26627338

传真/FAX: 86-755-26627238

网址/Internet: [http:// www.ccic-set.com](http://www.ccic-set.com) 电子信箱/E-Mail: [manager@ccic-set.com](mailto:manager@ccic-set.com)

Query No. :J9cW5XTQ

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按照《试验和标准手册》第 38.3 小节对锂电池或电池组进行试验的情况概要  
Lithium cell or battery test summary in accordance with sub-section 38.3 of Manual of Tests and Criteria

产品名称 Product Name	便携式移动太阳能锂电发电储能设备 Portable Power Station Solar Generator	额定能量 Rated Energy	2016Wh
型号规格 Model/Type	EFD310 50.4V / 40Ah	产品质量 Product Mass	大约 About 21.65Kg
颜色/形状 Color/Shape	[√] 近长方体黑灰色		
锂含量 Lithium Content	---	制造厂商 Manufacturer	深圳市正浩创新科技股份有限公司 Ecoflow Inc.,
制造厂商地址 Manufacturer Address	深圳市宝安区石岩街道龙腾社区松白公路北侧方正科技工业园厂房 A202 Factory Building A202, Founder Technology Industrial Park, North Side of Songbai Highway, Longteng Community, Shiyan Sub-district, Baoan District, Shenzhen City, Guangdong, China		
制造商电话 Manufacturer telephone	0755-8666 0185	制造商网址 Manufacturer website	cn.ecoflow.com
制造商邮箱 Manufacturer Email	enterprise@ecoflow.com	集成电池组说明 Assembled Battery Description	不适用 Not applicable
测试报告日期 Test Report Date	2021/04/20-2021/05/16	UN38.3 Rep No. UN38.3 报告编号	SET2021-05558
测试实验室 Testing laboratory	名称 Name: 中检集团南方测试股份有限公司 地址 Address: 深圳市南山区西丽街道沙河路 43 号电子检测大厦 电话 Phone number: 86-755-26627338 网址 Website: http:// www.ccic-set.com 电子邮箱 Email address: manager@ccic-set.com		
检测依据 Reference documents	《关于危险货物运输的建议书试验和标准手册》(第六修订版修正 1) 38.3 节: 金属锂电池和锂离子电池组。《Recommendations on the Transport of Dangerous Goods, Manual of Test and Criteria》(Sixth revised edition Amendment 1) section 38.3: Lithium metal and lithium ion batteries (ST/SG/AC.10/11/Rev.6/Amend.1).		

## 所进行的试验及其结果一览表 List of tests conducted and results:

测试编号 Test No.	测试项目 Test Items	结论 Verdict
T1	高度模拟 Altitude simulation	通过 Pass
T2	温度试验 Thermal test	通过 Pass
T3	振动 Vibration	通过 Pass
T4	冲击 Shock	通过 Pass
T5	外部短路 External short circuit	通过 Pass
T6	撞击/挤压 Impact/Crush	通过 Pass
T7	过充电 Overcharge	通过 Pass
T8	强制放电 Forced discharge	通过 Pass

概要  
撰写人:  
written by

许来丹

概要  
审核:  
Reviewed by

唐鹏森

2021 年 06 月 08 日

2021 年 06 月 08 日

2021 年 06 月 08 日

授权人职衔: 卢剑 LuJian: 技术负责人 Technical Manager

邓春涛 Billow Deng: 质量负责人 Quality Manager

