



危险物品  
DANGEROUS GOODS

# 道路运输危险性鉴别报告书

Identification and Classification Report for Road Transport of Goods

此报告本年度有效  
有效期至2024年12月31日

报告编号: PEKSZLY20240111020  
Issued No.: \_\_\_\_\_  
生效日期: 2024.01.11  
Effective Date: \_\_\_\_\_  
委托单位: 深圳古瑞瓦特电源科技有限公司  
Applicant: Shenzhen Growatt Power Technology Co.,Ltd  
物品名称: 便携式储能电源 INFINITY 2000 40Ah 51.2V 2048Wh  
Name of Goods: Portable Power Station INFINITY 2000 40Ah 51.2V 2048Wh

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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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.

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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.

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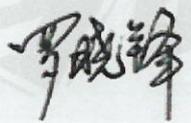
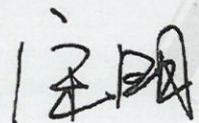
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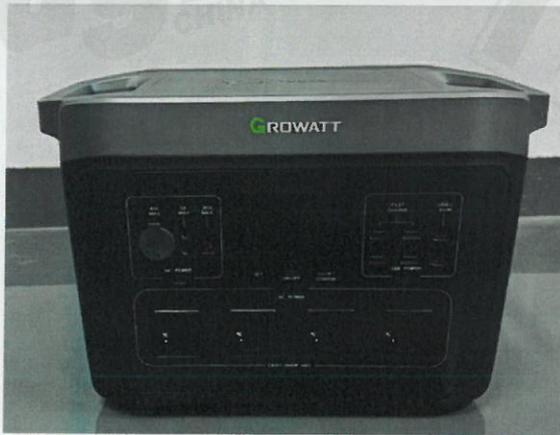
项目编号 Item No.		PEKSZLY20240111020	签发日期 Issued Date	2024.01.11
鉴别目的 Identification Purpose		是否属于道路运输危险品 Dangerous Goods or not restricted	鉴别日期 Identification Date	2024.01.11
鉴别依据 Identification Criteria		ADR 2023	鉴别地点 Identification Address	深圳 DGM DGM Shenzhen
物品名称 Name of Goods	中文名称 Name of Chinese	便携式储能电源 INFINITY 2000 40Ah 51.2V 2048Wh		
	英文名称 Name of English	Portable Power Station INFINITY 2000 40Ah 51.2V 2048Wh		
生产厂家 Manufacturer		广东省古瑞瓦特新能源有限公司 Guangdong Growatt New Energy Co., Ltd.		
物品信息 Nature of the goods		<p>该样品属于锂离子电池，黑色近长方体。                      型号规格：INFINITY 2000 40Ah 51.2V 2048Wh      尺寸：457.0×247.0×310.0mm                      每包装件中电池数量：1                      UN38.3 报告书编号为：P23101601401</p> <p>This sample belongs to Li-ion battery, black almost cuboid.                      Model: INFINITY 2000 40Ah 51.2V 2048Wh      Size: 457.0×247.0×310.0mm                      Number of batteries per package: 1                      UN38.3 report No.: P23101601401</p>		
鉴别结论 Conclusions		危险物品 (Dangerous Goods)		
		UN 编号 (UN No.) :	UN3480	
		运输专用名称 (Proper shipping name)	Lithium ion batteries	
		危险性类别 (Class )	9	
		包装说明 (Packing Instructions)	P903	
包装等级 (Packing Group)		/		
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		
				

项目编号 Item No.		PEKSZLY20240111020	
物品名称 Name of Goods	中文 Chinese	便携式储能电源 INFINITY 2000 40Ah 51.2V 2048Wh	
	英文 English	Portable Power Station INFINITY 2000 40Ah 51.2V 2048Wh	
鉴别项目名称 Item			检验结果 Inspection Result
该电池额定瓦特小时数为 2048Wh。 Watt-hour rating of the battery is 2048Wh.			> 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

出单：罗晓锋

# 便携式储能电源 INFINITY 2000 40Ah 51.2V 2048Wh

PEKSZLY20240111020



**GROWATT**

**Product Name:** Portable Power Station  
**Model:** INFINITY 2000  
**SKU:** PPS2000LFP01-EU

**Input:**  
AC Input: 200-240V~, 50/60Hz, 1800W Max.  
Vehicle Input: 12-24V~, 8A Max.  
Solar Input: 12-60V~, 1200W Max.

**Output:**  
AC Output: 230V~, 50/60Hz, 2400W Max.  
DC Output:  
USB-A: 5V~, 2.4A; 9V~, 2A; 12V~, 1.5A  
USB-C: 5/9/12/15/20V~, 5A, 100W Max.  
Car Outlet: 13.2V~, 10A Max.  
DC 5521: 13.2V~, 3A Max.  
Anderson Port: 13.2V~, 30A Max.

**Battery:**  
Battery Capacity: 2048Wh, 51.2V  
Battery Type: LFP  
Charging Temperature: 0~45°C  
Discharging Temperature: -20~45°C

**Authorized Representative:**  
Growatt New Energy GmbH  
Growatt New Energy GmbH, Max-Planck-Straße 36, 61381 Friedrichsdorf

Shenzhen Growatt Power Technology Co., Ltd  
Building A, Sino-German(Europe) Industrial Park, Hangcheng Ave,  
Xixiang, Bao'an District, Shenzhen, China

Made In China  
940\_PP0003801c

CE UK CA

P/N:

S/N:



# 锂电池 UN38.3 试验概要 Lithium Battery Test Summary

项目编号: PEKSZLY20240111020

单位信息 Company Information					
委托单位 Consignor	深圳古瑞瓦特电源科技有限公司 深圳市宝安区西乡街道固兴社区航城大道中德欧产业示范园 A 栋 A1001 电话/Tel: +0755-29515888 邮箱/Mail: hongrong.qin@growatt.com				
生产单位 Manufacturer	广东省古瑞瓦特新能源有限公司 惠州市惠阳区平潭镇房坑村公路边第 17 号房屋 电话/Tel: +0755-29515888 邮箱/Mail: hongrong.qin@growatt.com				
测试单位 Test Lab	深圳市北测新能源技术有限公司 地址: 深圳市宝安区航城街道三围社区奋达高新科技园 C 栋 101 电话/Tel: +86(0)-755-3699 5529 邮箱/Mail: Nequality@ntek.org.cn 网址/Website: http://www.ntekbat.org.cn				
电池信息 Battery Information					
名称 Name	便携式储能电源 Portable Power Station	电池/电芯类别 Battery/Cell Classification		锂离子电池 Li-ion Battery	
型号 Type	INFINITY 2000	商标 Trademark		GROWATT	
额定电压(V) Normal Voltage(V)	51.2V	额定容量(Ah) Rated Capacity(Ah)		40Ah	
额定能量(Wh) Watt-hour rating (Wh)	2048Wh	外观/Appearance		黑色近长方体 Black almost cuboid	
质量(kg)/Mass(kg)	23.3kg	锂含量(g)/Li Content(g)		不适用 N/A	
测试信息 Test Information					
测试报告编号 Test Report Number	P23101601401	测试报告签发日期 Date of Test Report		2023-12-17	
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《试验和标准手册》(第七修订版修正 1) 38.3 节 UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.7 Amend.1/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(f)	不适用 N/A		UN38.3.3(g)		不适用 N/A
签名 Signatory 职务 Title	马晓峰 检验员		签发日期 Issued Date	2024.01.11	



试验报告