



危险物品
DANGEROUS GOODS

陆运运输条件鉴别报告书

Identification and Classification Report for Road Transport of Goods

此报告本年度有效
有效期至2021年12月31日

报告编号: PEKSZLY20210623005
Issued No.: _____
签发日期: 2021.06.23
Issued Date: _____
委托单位: 江苏固德威电源科技股份有限公司
Applicant: JIANGSU GOODWE POWER SUPPLY TECHNOLOGY CO., LTD.
物品名称: 可充电锂电池包 LX U5.4-L 51.2V 105Ah 5.4kWh
Name of Goods: Rechargeable Li-ion Battery System LX U5.4-L 51.2V 105Ah 5.4kWh

北京迪捷姆空运技术开发有限公司

Beijing DGM Air Transport Technology Co. Ltd.

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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).

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

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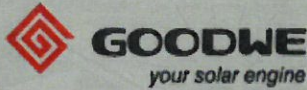
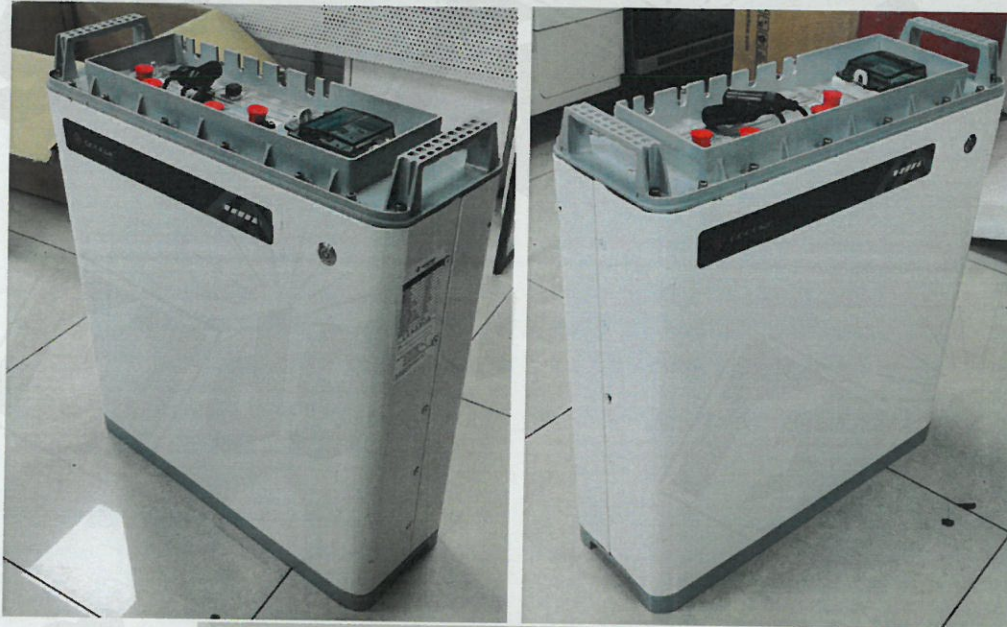
szdgm@dgmchina.com.cn

项目编号 Item No.		PEKSZLY20210623005	
鉴别目的 Identification Purpose		是否属于陆运危险品 Dangerous Goods or not restricted	鉴别日期 Identification Date 2021.06.23
鉴别依据 Identification Criteria		ADR 2021	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	可充电锂电池包 LX U5.4-L 51.2V 105Ah 5.4kWh	
	英文名称 Name of English	Rechargeable Li-ion Battery System LX U5.4-L 51.2V 105Ah 5.4kWh	
生产厂家 Manufacturer		安徽固太新能源有限公司 Anhui GT New Energy Co., Ltd.	
物品信息 Nature of the goods		<p>该样品属于电池，灰白色近长方体。 型号规格：LX U5.4-L 51.2V 105Ah 5.4kWh 尺寸：570×505×175 mm 每包装件中电池数量：1 每一包装件的毛重：62kg UN38.3 报告书编号为：20210306J04678 该电池的 UN38.3 试验概要由中认英泰检测技术有限公司出具，详见附页。 该产品未配水平仪。</p> <p>This sample belongs to battery, grey-white almost cuboid. Model: LX U5.4-L 51.2V 105Ah 5.4kWh Size: 570×505×175 mm Number of batteries per package: 1 Gross weight of each package: 62kg UN38.3 report No.: 20210306J04678 The UN38.3 test summary of the cell is provided by CQC Intime Testing Technology Co.,Ltd.</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
		危险货物类别 (Class)	9
		包装说明 (Packing Instructions)	P903
		包装等级 (Packing Group)	/
		运输类别 (隧道限制代码) Transport category(Tunnel restriction code)	2 (E)
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.		PEKSZLY20210623005	
物品名称 Name of Goods	中文 Chinese	可充电锂电池包 LX U5.4-L 51.2V 105Ah 5.4kWh	
	英文 English	Rechargeable Li-ion Battery System LX U5.4-L 51.2V 105Ah 5.4kWh	
鉴别项目名称 Item			检查结果 Inspection Result
该电池额定瓦特小时数为 5400Wh Watt-hour rating of the battery is 5400 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

制单: 王晓慢



Product Name: Rechargeable Li-ion Battery System
IFpP38/131/201[16S]M/-20+40/90

Product Model	LX U5.4-L
Battery Type	LiFePO4
Rated Capacity	105 Ah
Rated Energy	5.4 kWh
Usable Energy	4.8 kWh
Max. Charging Current	50 Ad.c.
Max. Discharging Current	50 Ad.c.
Nominal Voltage	51.2 Vd.c.
Operating Voltage Range	48-57.6 Vd.c.
Depth of Discharge(DOD)	90%
Charging Temperature Range	0-50°C
Discharging Temperature Range	-10-50°C
Protective Class	I
Enclosure Type	IP65





中认英泰检测技术有限公司
CQC Intime Testing Technology Co., Ltd.

UN38.3 试验概要

LITHIUM CELLS OR BATTERIES TEST SUMMARY
IN ACCORDANCE WITH SUB-SECTION 38.3
OF UN MANUAL OF TESTS AND CRITERIA

NO. CQCIT2106J0029

样品描述(Sample Description):

电池名称(Cell/battery Name):

可充电锂电池包 Rechargeable Li-ion Battery System

质量(Mass):

55kg

规格参数(Specification Parameter):

■锂离子电池/电芯 51.2V 105Ah 5.4kWh

□锂金属电池/电芯 ___ V ___ Ah ___ g

物理形状(Physical Description):

长方体 Cuboid

型号(Model Numbers):

LX U5.4-L

委托单位(Applicant):

江苏固德威电源科技股份有限公司

Jiangsu GoodWe Power Supply Technology Co., Ltd.

苏州高新区紫金路 90 号

No.90 Zijin Rd., New District, Suzhou, 215011, China

15851413771 tiantian.song@goodwe.com

http://www.goodwe.com/

样品生产厂商(Sample Manufacturer):

安徽固太新能源有限公司

Anhui GT New Energy Co., Ltd.

安徽省宣城市广德经济开发区桐东东路 208 号

No.208 East Tongrui Road, EDZ, Guangde City, Anhui Province, China

15370826970 wangjinfeng@gt-ees.com

UN38.3 测试实验室(UN38.3 Test Lab):

中认英泰检测技术有限公司

CQC Intime Testing Technology Co., Ltd.

江苏省苏州市吴中区吴中大道 1368 号东太湖科技金融城

East Taihu Technology and Finance City,

No.1368 Wuzhong Dadao Road, Wuzhong

Economic Development Zone, Suzhou, Jiangsu.

0512-66303623 cq_cjszlb@126.com

http://www.cqc-it.com

样品测试信息(Sample Test Information):

试验报告编号(Test Report Number):

20210306J04678

试验报告签发日期(Date of Test Report):

2021-04-01

所用《试验和标准手册》版本(Edition of UN Manual of Tests and Criteria Used):

《关于危险货物运输的建议书 试验和标准手册》第七版第 38.3 节

Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, ST/SG/AC.10/11/ Rev.7/Section 38.3

所进行的试验及其结果(即:通过/未通过)一览表(List of Tests Conducted and Results(Pass/Fail)):

T1	高度模拟(Altitude simulation)	Pass
T2	温度试验(Thermal test)	Pass
T3	振动(Vibration)	Pass
T4	冲击(Shock)	Pass
T5	外部短路(External short circuit)	Pass
T6	撞击/挤压(Impact/Crush)	Pass
T7	过度充电(Overcharge)	Pass
T8	强制放电(Forced discharge)	Pass

是否符合集成锂电池的测试要求(Assembled Lithium Battery Test Requirement):

38.3.3(f) 38.3.3(g) 不适用 N/A

技术负责人 (Technical Leader)

签发日期 (Date of issue): 2021-04-01