



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2023年12月31日

报告编号: PEKSZLY20230109031

Issued No.:

签发日期: 2023.01.09

Issued Date:

委托单位: 美世乐(广东)新能源科技有限公司

Applicant: MUST ENERGY (GUANGDONG) TECHNOLOGY CO.,LTD.

物品名称:

磷酸铁锂电池组 LP20-48250 51.2V 250Ah 12.80KWh

Name of Goods

LiFePO4 BATTERY PACK LP20-48250 51.2V 250Ah 12.80KWh

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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项目编号 Item No.		PEKSZLY20230109031	
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 2023.01.09
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	磷酸铁锂电池组 LP20-48250 51.2V 250Ah 12.80KWh	
	英文名称 Name of English	LiFePO4 BATTERY PACK LP20-48250 51.2V 250Ah 12.80KWh	
生产厂家 Manufacturer		美世乐（广东）新能源科技有限公司 MUST ENERGY (GUANGDONG) TECHNOLOGY CO.,LTD	
物品信息 Nature of the goods		<p>该样品属于锂离子电池，黑白杂色近长方体。 型号规格：LP20-48250 51.2V 250Ah 12.80KWh 尺寸：540.1×499.0×664.0mm 每包装件中电池数量：1 UN38.3 报告书编号为：TSZ22070104-P03-R01</p> <p>This sample belongs to Li-ion battery, Approximate Black and White Cuboid. Model: LP20-48250 51.2V 250Ah 12.80KWh Size: 540.1×499.0×664.0mm Number of batteries per package:1 UN38.3 report No.:TSZ22070104-P03-R01</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)	/
备注 Comment		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
罗晓峰		宋明	
			



项目编号 Item No.		PEKSZLY20230109031	
物品名称 Name of Goods	中文 Chinese	磷酸铁锂电池组 LP20-48250 51.2V 250Ah 12.80KWh	
	英文 English	LiFePO4 BATTERY PACK LP20-48250 51.2V 250Ah 12.80KWh	
鉴别项目名称 Item		检查结果 Inspection Result	
该电池额定瓦特小时数为 12800Wh Watt-hour rating of the battery is 12800Wh		>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：彭新玉




# 磷酸铁锂电池组 LP20-48250 51.2V 250Ah 12.80KWh

PEKSZLY20230109031



**Infinisolar**

Product Name:	LiFePO4 BATTERY PACK
Model:	LP20-48250
Nominal Energy/Voltage:	12.80kwh/51.2V
Nominal Capacity:	250Ah



S/N.:LP2051.2250BYDPCXXXXXXXXXX

MADE IN CHINA



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

项目编号: PEKSZLY20230109031

单位信息 Company Information			
委托单位 Consignor	美世乐(广东)新能源科技有限公司 中国广东省佛山市禅城区张槎一路115号八座一层、二层、三层、四层、五层、七层、九层、十层 电话/Tel: 15012636534 邮箱/Mail: rd-cp@mustpower.cn 网址/Website: www.mustpower.cn		
生产单位 Manufacturer	美世乐(广东)新能源科技有限公司 中国广东省佛山市禅城区张槎一路115号八座一层、二层、三层、四层、五层、七层、九层、十层 电话/Tel: 15012636534 邮箱/Mail: rd-cp@mustpower.cn 网址/Website: www.mustpower.cn		
测试单位 Test Lab	深圳天溯计量检测股份有限公司 深圳市龙岗区宝龙街道锦龙大道2号1栋、4栋 电话/Tel: 0755-89457984 邮箱/Mail: tsjc@tiansu.org 网址/Website: www.tiansu.org		
电池信息 Battery Information			
名称 Name	磷酸铁锂电池组 LiFePO4 BATTERY PACK	电池/电芯类别 Battery/Cell Classification	锂离子电池 Li-ion Battery
型号 Type	LP20-48250	商标 Trademark	Infinisolar
额定电压 Normal Voltage	51.2V	额定容量 Rated Capacity	250Ah
额定能量 Watt-hour rating	12.80KWh	外观/Appearance	黑白杂色近长方体 Approximate Black and White Cuboid
质量/Mass	139.218kg	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	TSZ22070104-P03-R01	测试报告签发日期 Date of Test Report	2022-10-11
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《试验和标准手册》(第7版)38.3节 UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/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.4: 冲击 Shock	通过 Pass	T.5: 外部短路 External Short Circuit	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	 检验员	签发日期 Issued Date	2023.01.09 - CHINA