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运输危险性鉴别报告书

Identification and Classification Report for Transport of Goods

危险物品
(Dangerous Goods)

报告编号:

AEKSZ202412192639PXY320001

Issued No:

生效日期:

2025.01.01

Effective Date:

委托单位:

厦门亘能科技有限公司

Applicant:

XIAMEN CONSTANCE ENERGY CO., LTD

物品名称:

磷酸铁锂电池 CST-LT-12.8-280 12.8V 280Ah 3584Wh

Name of Goods:

LiFePO4 Battery CST-LT-12.8-280 12.8V 280Ah 3584Wh

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.		AEKSZ202412192639		签发日期 Issued Date		2024.12.21	
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		2024.12.19-2024.12.20	
鉴别依据 Identification Criteria		ADR 2025					
物品名称 Name of Goods	中文名称 Name of Chinese	磷酸铁锂电池 CST-LT-12.8-280 12.8V 280Ah 3584Wh					
	英文名称 Name of English	LiFePO4 Battery CST-LT-12.8-280 12.8V 280Ah 3584Wh					
生产厂家 Manufacturer		厦门笃正电子技术有限公司 XIAMEN DONESTY ECOMMERCE CO., LTD					
物品信息 Nature of Goods		该物品为锂离子电池，黑色，近长方体，尺寸：453.00*238.00*221.00mm。 型号/族号： CST-LT-12.8-280 每包装件中电池或电芯数量：1块 单独包装 (注：单块电池的重量约为28.500kg。) The goods are lithium ion batteries,black,almost cuboid,Size:453.00*238.00*221.00mm. Model/Group: CST-LT-12.8-280 Number of batteries or cells per package:1 pieces Cells or batteries only					
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		审核人 Checker		批准人 Approver			
				报告单位 (盖章) Stamp			



项目编号 Item No.		AEKSZ202412192639	
物品名称 Name of Goods	中文名称 Name of Chinese	磷酸铁锂电池 CST-LT-12.8-280 12.8V 280Ah 3584Wh	
	英文名称 Name of English	LiFeP04 Battery CST-LT-12.8-280 12.8V 280Ah 3584Wh	
鉴别项目名称 Item		检验结果 Inspection Result	
该电池额定瓦特小时数为 3584 Wh。 Watt-hour rating of the battery is 3584 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：彭新玉



磷酸铁锂电池 CST-LT-12.8-280 12.8V 280Ah 3584Wh

AEKSZ202412192639



Caution:

- Don't be used as an engine starting battery.
- Charge/discharge within rated voltage and current.
- Charge the battery every 3 months at least.
- Don't touch the positive and negative terminals.
- Use a lithium battery charger and connect the positive and negative poles correctly.
- Battery short circuit connection is prohibited.
- Don't hit, throw, or step on batteries.
- Don't transport or store batteries together with conductive materials (metal and carbon powder).
- Don't pierce the battery with sharp objects.

Tips:

- Place it vertically and not in a high temperature environment.
- Keep working temperature below 50°C.
- Up to 4 units in series & 4 pcs in parallel connection.

Data Sheet:

Product Name	LiFePO4 Battery
Model	CST-LT-12.8-280
Nominal Capacity	280Ah(25°C, 0.5C)
Nominal Voltage	12.8V
Voltage Range	10~14.6V
Maximum Continuous Charging Current	160A
Maximum Continuous Discharging Current	200A
Charging Voltage	14.6V
Dimensions (LxWxH)	17.8"9.3"7.8.7 inch/453*238*201mm
Weight	61.7lbs/28.5kg
Charging Temperature	32~131°F / 0~55°C
Discharging Temperature	-4~131°F / -20~55°C

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

项目编号: AEKSZ202412192639

单位信息 Company Information					
委托单位 Consignor	厦门亘能科技有限公司 XIAMEN CONSTANCE ENERGY CO.,Ltd				
生产单位 Manufacturer	厦门笃正电子技术有限公司 XIAMEN DONESTY ECOMMERCE CO., LTD 厦门火炬高新区创业园宏业楼 401A 室 Room 401A,Hongye Building,Pioneer Park,Torch High-tech Zone,Xiamen 电话/Tel: 13806069821 邮箱/Mail: sales2@gentaipower .com				
测试单位 Test Lab	深圳天溯计量检测股份有限公司 Shenzhen Tiansu Calibration and Testing Co., Ltd. 广东省深圳市龙岗区锦龙大道 2 号 No.2, Jinlong Avenue, Longgang District, Shenzhen, Guangdong, China 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 LiFePO4 Battery	电池/电芯类别 Battery/Cell Classification		锂离子电池 Li-ion Battery	
型号 Type	CST-LT-12.8-280	商标 Trademark		/	
额定电压 Normal Voltage	12.8V	额定容量 Rated Capacity		280Ah	
额定能量 Watt-hour rating	3584Wh	外观/Appearance		黑色 近长方体 Approximate Black Cuboid	
质量/Mass	28.500kg	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	TSZ24GX031A01-02		测试报告签发日期 Date of Test Report	2024-08-20	
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 版修订 1) 38.3 节 UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.7/Amend1/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	检验员		签发日期 Issued Date	2024.12.19	