



中国认可
检验
INSPECTION
CNAS IB0078

危险物品
DANGEROUS GOODS

仅限货机运输

航空运输危险性鉴别报告

Identification and Classification Report for Air Transport of Goods

此报告本年度有效
有效期至2026年12月31日

报告编号: PEKSZ202604137307PXY880001

Issued No.:

生效日期: 2026.04.13

Effective Date:

委托单位: 江苏宁美新能源有限公司

Applicant: Newway Energy Co., Ltd.

物品名称: 光伏储能一体机 MECO 1KWh Pro (500W) 3.2V 314Ah 1004.8Wh

Name of Goods: Solar Generator MECO 1KWh Pro (500W) 3.2V 314Ah 1004.8Wh

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.		PEKSZ202604137307		
物品名称 Name of Goods	中文 Chinese	光伏储能一体机 MECO 1KWh Pro (500W) 3.2V 314Ah 1004.8Wh		
	英文 English	Solar Generator MECO 1KWh Pro (500W) 3.2V 314Ah 1004.8Wh		
鉴别结论 Conclusions		<p>该物品为锂离子/聚合物电池，单独包装。额定瓦特小时为1004.8Wh。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 1004.8Wh. 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>		
运输危险性 建议 Suggestion for Transport	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)
	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:
彭新玉		木园		报告单位（盖章） Stamp



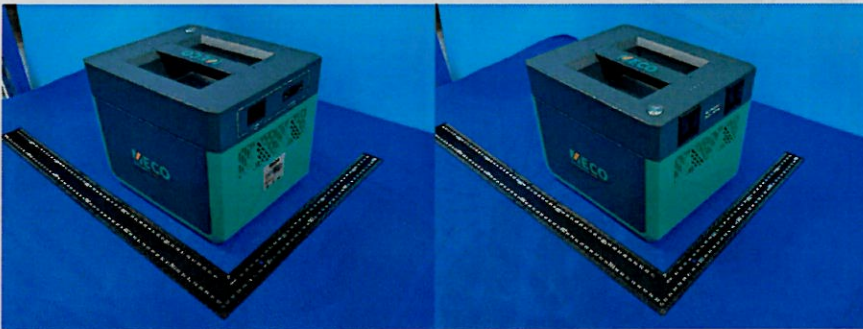
制单： 彭新玉



光伏储能一体机 MECO 1KWh Pro (500W) 3.2V

314Ah 1004.8Wh

PEKSZ202604137307



MECO
MEGMEET INSIDE

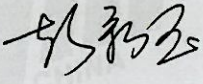
Solar Generator

Model:	MECO 1kWh Pro (500W)
Rated Power:	500W
Rated Capacity:	1004.8Wh 314Ah
AC Output:	200-240Vac, 50Hz/60Hz
AC Input:	90-280Vac, 500W Max
PV Input:	12-60Vdc, 500W Max
Battery Type:	Lithium Iron Phosphate
Operating Temperature:	0-40°C

  **UN38.3**

锂电池/钠离子电池 UN38.3 试验概要 Test Summary

项目编号: PEKSZ202604137307

单位信息 Company Information					
委托单位 Consignor	江苏宁美新能源有限公司 Newway Energy Co., Ltd.				
生产单位 Manufacturer	江苏宁美新能源有限公司 Newway Energy Co., Ltd. 江苏省常州市武进区湖塘镇湖塘科技产业园工业坊标准厂房 D5 栋 Building D5, Standard Factory Building, Industrial Square, Hutang Science and Technology Park Industrial Park, Wujin District, Changzhou City, Jiangsu Province, China 电话/Tel: 15818695354 邮箱/Mail: edwan@mecopower.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	光伏储能一体机 Solar Generator	电池/电芯类别 Battery/Cell Classification		单电芯锂离子电池 Single Cell Li-ion Battery	
型号 Type	MECO 1KWh Pro (500W)	商标 Trademark		/	
额定电压 Normal Voltage	3.2V	额定容量 Rated Capacity		314Ah	
额定能量 Watt-hour rating	1004.8Wh	外观/Appearance		灰色 近长方体 Approximate Gray Cuboid	
质量/Mass	9.276kg	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	TSZ26CB041A02-01	测试报告签发日期 Date of Test Report		2026-04-07	
测试标准 Edition of UN Manual of Tests and Criteria Used	联合国《试验和标准手册》(第 8 版) 38.3 节 UN "Manual of Tests and Criteria" ST/SG/AC.10/11/Rev.8/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	/	
UN38.3.3.1(f)或/or UN38.3.3.2(d)	不适用 N/A		UN38.3.3.1(g)或/or UN38.3.3.2(e)	不适用 N/A	
签名 Signatory 职务 Title	 检验员		签发日期 Issued Date	2026-04-13 