

锂电池/钠离子电池 UN38.3 试验概要

Test Summary under UN38.3 of Lithium Battery/Sodium-ion Battery

项目编号: HBYWA2GXD02G01

单位信息 Company Information			
委托单位 Consignor	湖北亿纬动力有限公司 EVE Power Co.,Ltd. 湖北省荆门市掇刀区荆南大道 68 号 No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei, P.R. China 电话/Tel: +86-724-6079688; 邮箱/Mail: sales@evepower.com; 网址/Website: www.evepower.com		
制造单位 Manufacturer	湖北亿纬动力有限公司 EVE Power Co.,Ltd. 湖北省荆门市掇刀区荆南大道 68 号 No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei, P.R. China 电话/Tel: +86-724-6079688; 邮箱/Mail: sales@evepower.com; 网址/Website: www.evepower.com		
生产单位 Factory	同 制造单位 Same as Manufacturer		
测试单位 Test Lab	广州邦禾检测技术有限公司 Guangzhou MCM Certification & Testing Co., Ltd. 中国 广东省广州市番禺区钟村街市广路钟二路段 45 号 2 栋 Building 2 No. 45 Zhong Er Section of Shiguang Road, Zhongcun Street, Panyu District, Guangzhou City, Guangdong Province, China. 电话/Tel: +86-20-3477 7662; 邮箱/Mail: service@mcmtek.com; 网址/Website: https://www.mcmtek.com		
电池信息 Battery Information			
名称 Name	可充电锂离子电池 Rechargeable Li-ion Battery	电池/电芯类别 Classification	锂离子电池 Lithium ion Battery
型号 Type	RHV8.0-MB31-V1.0	商标 Trademark	/
额定电压 Normal Voltage	25.6V	额定容量 Rated Capacity	314Ah
额定能量 Watt-hour rating	8.0kWh	外观 Appearance	月光白, 长方体 Moonlight white, Cuboid
质量/Mass	75±3kg	锂含量/Li Content	/
测试信息 Test Information			
测试报告编号 Test Report Number	HBYWA2GXD02U01	测试报告签发日期 Date of Test Report	2026-03-10
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	UN 38.3.3.1(f)	不适用 N/A
T.2: 温度试验 Thermal Test	通过 Pass	UN 38.3.3.1(g)	不适用 N/A
T.3: 振动 Vibration	通过 Pass	UN 38.3.3.2(d)	不适用 N/A
T.4: 冲击 Shock	通过 Pass	UN 38.3.3.2(e)	不适用 N/A
T.5: 外部短路 External Short Circuit	通过 Pass	签名及职务 Signatory & Title 签发日期 Issued Date	 检验员 2026-03-10
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		



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国际互认
检测
TESTING
CNAS L4065



Report No.:

报告编号: HBYWA2GXD02U01

UN38.3 TEST REPORT

UN38.3 检测报告

Product Name:

产品名称:

Rechargeable Li-ion Battery

可充电锂离子电池

Model and Parameters:

型号参数:

RHV8.0-MB31-V1.0, 25.6V, 314Ah, 8.0kWh

Test Classification:

检测类别:

Commission test

委托检测

Issue Date:

签发日期:

2026-03-10

Tested by/测试

Zhangcong Su

Test Engineer

Reviewed by/审核

Qian Huang

Audit Engineer

Approved by/批准

Jiajia Xue

Approval Engineer

Guangzhou MCM Certification & Testing Co., Ltd.

广州邦禾检测技术有限公司

General Information 基本信息	
Application Information/申请信息:	
Applicant: 申请单位:	EVE Power Co.,Ltd. 湖北亿纬动力有限公司
Address: 申请单位地址:	No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei,P.R. China 湖北省荆门市掇刀区荆南大道 68 号
Contact Information: 联系方式:	Tel: +86-724-6079688; E-mail: sales@evepower.com; Website: www.evepower.com
General Information/基本信息:	
Product Name: 产品名称:	Rechargeable Li-ion Battery 可充电锂离子电池
Product Classification: 产品分类:	Lithium ion Battery 锂离子电池
Trade Mark: 商标名称:	--
Model and Rating: 型号和额定值:	RHV8.0-MB31-V1.0, 25.6V, 314Ah, 8.0kWh
Manufacturer: 制造单位:	EVE Power Co.,Ltd. 湖北亿纬动力有限公司
Address: 制造单位地址:	No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei,P.R. China 湖北省荆门市掇刀区荆南大道 68 号
Contact Information: 联系方式:	Tel: +86-724-6079688; E-mail: sales@evepower.com; Website: www.evepower.com
Factory : 生产单位:	EVE Power Co.,Ltd. 湖北亿纬动力有限公司
Address: 生产单位地址:	No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei,P.R. China 湖北省荆门市掇刀区荆南大道 68 号
Testing Laboratory/测试实验室:	
Laboratory: 测试单位:	Guangzhou MCM Certification & Testing Co., Ltd. 广州邦禾检测技术有限公司
Address: 测试单位地址:	Building 2 No. 45 Zhong Er Section of Shiguang Road, Zhongcun Street, Panyu District, Guangzhou City, Guangdong Province, China. 中国 广东省广州市番禺区钟村街市广路钟二路段 45 号 2 栋
Testing Location: 测试实验室地址:	As above 同上
Test Standard/测试标准:	
Standard Used: 使用标准:	UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, section 38.3 联合国《试验和标准手册》ST/SG/AC.10/11/Rev.8,section 38.3
Deviation Description: 偏差描述:	None 无

Product Information/产品信息:

This battery is constructed with 8 lithium ion cells through 1P8S, and equipped with overcharge, over-discharge, over current and short-circuits proof circuit.
电池由 8 个电芯通过 1 并 8 串组成，装配过充、过放、过流和短路的保护线路。

The battery needs to be combined with the high-voltage box (Model: RHV8.0-BOX-V1.0) to achieve input and output, and it requires a high-voltage input and output of DC 450 ~ 850V. This report takes the 560V setting as the test point.
电池需要与高压箱（型号：RHV8.0-BOX-V1.0）配合才能实现输入输出，且为 450~850V 的高压直流输入输出。本报告以 560V 档为测试点。

Label/标签:



Battery Type:	Rechargeable Li-ion Battery
Battery Model:	RHV8.0-MB31-V1.0
Battery Capacity / Energy:	314Ah / 8.0kWh
Battery Nominal Voltage:	25.6Vd.c.
Input/Output Voltage:	450-850Vd.c.
Rated Discharge Power:	4kW
Operating Temperature Range:	-20°C~50°C
Enclosure Type:	IP65(Energy Storage System)
Battery Designation:	IFpP73/175/209[1P8S]M/-20+50/95
Manufacturer:	EVE Power Co.,Ltd.

Production Date: 2025.12.01
Serial Number: ESXXXXT3RC0100001
SN Code: 

Address: No.68,Jingnan Avenue,Jingmen
Hi-tech Zone,Jingmen City,Hubei,P.R.China

CAUTION:

- Read instructions carefully before performing any operation on the battery.
- Do not use or store the battery where is exposed to extremely hot,such as under window of a car in direct sunlight in a hot day.
- Do not use battery in the strong electrostatic and magnetic field.
- Do not throw batteries into a fire or heater.
- Do not reverse charge or over-discharge the battery.
- Disposal of Lithium Batteries in accordance with local disposal regulation.



MADE IN CHINA

Technical Parameters (The following parameters are all provided by the applicant)

技术参数（以下参数均由客户提供）:

Object 测试对象	Cell 电芯	Battery 电池
Model 型号	MB31	RHV8.0-MB31-V1.0
Rated Capacity 额定容量 (Ah)	314	314
Nominal Voltage 标称电压 (V)	3.2	Build-in: 25.6
Standard Charge Current 标准充电电流 (A)	157	7.28
Standard Discharge Current 标准放电电流 (A)	157	7.28
Maximum Charge Current 最大充电电流 (A)	314	10.91
Maximum Discharge Current 最大放电电流 (A)	314	10.91
Maximum Charge Voltage 最大充电电压 (V)	3.65	Build-in: 29.2; Boost: 850
Cut-Off Voltage 放电截止电压 (V)	2.50	Build-in: 20.0; Boost: 450

Remark/备注:

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Test Conclusion 测试结论				
Clause 条款	Test Item 测试项目	Sample No. 样品编号	Test Result 测试结论	Remark 备注
38.3.3.1(f)	(Small battery assembly to LBs) (小型电池总成, 锂电池)	/	N/A	/
38.3.3.1(g)	(Large battery assembly to LBs) (大型电池总成, 锂电池)	/	N/A	/
38.3.3.2(d)	(Small battery assembly to SIBs) (小型电池总成, 钠离子电池)	/	N/A	/
38.3.3.2(e)	(Large battery assembly to SIBs) (大型电池总成, 钠离子电池)	/	N/A	/
38.3.4.1	Altitude simulation 高度模拟	B1#~B4#	P	/
38.3.4.2	Thermal test 温度循环测试		P	/
38.3.4.3	Vibration 振动		P	/
38.3.4.4	Shock 冲击		P	/
38.3.4.5	External short circuit 外部短路		P	/
38.3.4.6	Impact/Crush 撞击/挤压	C1#~C10#	P	/
38.3.4.7	Overcharge 过度充电	B5#~B8#	P	/
38.3.4.8	Forced discharge 强制放电	C11#~C30#	P	/
Ambient Temperature: 环境温度:		20 ± 5°C		
Receipt Date: 接收日期:		2025-12-15		
Test Date: 测试时间:		2025-12-15 ~ 2026-02-09		
Test Conclusion/测试结论: The samples submitted by EVE POWER Co.,Ltd. have passed the test items of UN Manual of Test and Criteria ST/SG/AC.10/11/Rev.8, section 38.3. 由湖北亿纬动力有限公司送检的样品符合联合国《试验和标准手册》ST/SG/AC.10/11/Rev.8, section 38.3 的要求。 Seal: 检测专用章:				

UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, section 38.3 联合国《试验和标准手册》ST/SG/AC.10/11/Rev.8, section 38.3			
Clause 条款	Requirement + Test 要求+测试方法	Result - Remark 结果-备注	Verdict 判断
38.3.2	Scope 范围		P
38.3.3	Number and condition of cells and batteries to be tested 待测电芯/电池的数量与状态		P
38.3.3.1	Testing of lithium cells and batteries 锂电芯和电池的测试		P
38.3.3.1 (a)~(e)	(Number and condition of cells and batteries under T.1~T.8) T.1~T.8 下的电芯/电池的数量与状态		P
38.3.3.1 (f)	(Small battery assembly to LBs) (小型电池总成, 锂电池)		N/A
38.3.3.1 (g)	(Large battery assembly to LBs) (大型电池总成, 锂电池)		N/A
38.3.3.2	Testing of sodium ion cells and batteries 钠离子电芯和电池的测试	NOT Na-ion Bat. 非钠离子电池	N/A
38.3.3.2 (a)~(c)	(Number and condition of cells and batteries under T.1~T.7) T.1~T.7 下的电芯/电池的数量与状态		N/A
38.3.3.2 (d)	(Small battery assembly to SIBs) (小型电池总成, 钠离子电池)		N/A
38.3.3.2 (e)	(Large battery assembly to SIBs) (大型电池总成, 钠离子电池)		N/A
38.3.4	Procedure 程序		P
38.3.4.1	Altitude Simulation 高度模拟		P
	Test samples shall be stored at a pressure of 11.6kPa or less for at least six hour at ambient temperature (20±5°C). 试验电芯和电池在环境温度(20±5°C)下, 储存在小于等于 11.6kPa 的压力下至少 6 小时。		P
	Requirements: no leakage, no venting, no disassembly, no rupture, no fire, and open circuit voltage of each test cell or battery after testing is not less than 90 % of its voltage immediately prior to this procedure. 要求: 无泄漏、无排气、无解体、无破裂、无着火和每个试验电芯和电池在试验后的开路电压不小于其在进行试验前电压的 90%。	See the TABLE: 38.3.4.1	P
	The requirement relating to voltage is not applicable to test cells and batteries at fully discharge states. 测试电压的要求不适用于完全放电的电芯和电池。		--
38.3.4.2	Thermal Test 温度试验		P
	Test cells and batteries are to be stored for at least six hours at a test temperature equal to 72±2°C, followed by storage for at least six hours at a test temperature equal to -40±2°C, The maximum time interval between test temperature extremes is 30 minutes, This procedure is to be repeated until 10 total cycles are complete, after which all test cells and batteries are to be stored for 24 hours at ambient temperature (20±5°C). For large cells and batteries the duration of exposure to the test temperature extremes should be at least 12hours.		P

UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, section 38.3 联合国《试验和标准手册》ST/SG/AC.10/11/Rev.8, section 38.3			
Clause 条款	Requirement + Test 要求+测试方法	Result - Remark 结果-备注	Verdict 判断
	将电芯和电池在温度为 $72 \pm 2^\circ\text{C}$ 的条件下贮存不少于 6 个小时；然后，在温度 $-40 \pm 2^\circ\text{C}$ 条件下贮存不少于 6 个小时；两个温度间的间隔最长为 30min, 重复操作上述步骤到 10 次；然后，在环境温度为 $20 \pm 5^\circ\text{C}$ 的条件下放置 24 个小时。 大电芯和大电池储存时间至少 12h。		
	Storage duration at $72 \pm 2^\circ\text{C}$ and $-40 \pm 2^\circ\text{C}$ $72 \pm 2^\circ\text{C}$ 和 $-40 \pm 2^\circ\text{C}$ 下的储存时长	12 hrs	P
	Requirements: no leakage, no venting, no disassembly, no rupture, no fire, and open circuit voltage of each test cell or battery after testing is not less than 90 % of its voltage immediately prior to this procedure. 要求：无泄漏、无排气、无解体、无破裂、无着火和每个试验电芯和电池在试验后的开路电压不小于其在进行试验前电压的 90%。	See the TABLE: 38.3.4.2	P
	The requirement relating to voltage is not applicable to test cells and batteries at fully discharge states. 测试电压的要求不适用于完全放电的电芯和电池。		--
38.3.4.3	Vibration 振动		P
	For cells and small batteries: from 7 Hz a peak acceleration of $1g_n$ is maintained until 18 Hz reached. The amplitude is then maintained at 0.8mm (1.6mm total excursion) and the frequency increased until a peak acceleration of $8g_n$ occurs (approximately 50Hz). A peak acceleration of $8g_n$ is then maintained until the frequency is increased to 200Hz. 对于电芯和小电池：保持峰值加速度 $1g_n$ ，从 7Hz 到 18Hz。然后振幅保持在 0.8mm（总偏移量为 1.6mm），增加频率，直到峰值加速度达到 $8g_n$ （约 50Hz）。然后保持 $8g_n$ 的峰值加速度，直到频率增加到 200Hz。		N/A
	For large batteries: from 7 Hz to a peak acceleration of $1g_n$ is maintained until 18 Hz reached. The amplitude is then maintained at 0.8 mm (1.6 mm total excursion) and the frequency increased until a peak acceleration of $2g_n$ occurs (approximately 25 Hz). A peak acceleration of $2g_n$ is then maintained until the frequency is increased to 200 Hz. 对于大电池：保持峰值加速度 $1g_n$ ，从 7Hz 到 18Hz。然后振幅保持在 0.8mm（总偏移量为 1.6mm），增加频率，直到峰值加速度达到 $2g_n$ （约 25Hz）。然后保持 $2g_n$ 的峰值加速度，直到频率增加到 200Hz。		P
	Requirements: no leakage, no venting, no disassembly, no rupture, no fire, and open circuit voltage of each test cell or battery after testing is not less than 90 % of its voltage immediately prior to this procedure. 要求：无泄漏、无排气、无解体、无破裂、无着火和每个试验电芯和电池在试验后的开路电压不小于其在进行试验前电压的 90%。	See the TABLE: 38.3.4.3	P
	The requirement relating to voltage is not applicable to test cells and batteries at fully discharge states. 测试电压的要求不适用于完全放电的电芯和电池。		--
38.3.4.4	Shock 冲击		P

UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, section 38.3 联合国《试验和标准手册》ST/SG/AC.10/11/Rev.8, section 38.3			
Clause 条款	Requirement + Test 要求+测试方法	Result - Remark 结果-备注	Verdict 判断
	Each cell shall be subjected to a half-sine shock of peak acceleration of 150g_n and pulse duration of 6 milliseconds. Alternatively, large cells may be subjected to a half-sine shock of peak acceleration of 50g_n and pulse duration of 11 milliseconds. 每一个电芯应承受峰值加速度为 150g_n、脉宽为 6 毫秒的半正弦冲击。或者，大电芯可以按峰值加速度为 50g_n、脉宽为 11 毫秒的半正弦冲击。 Each battery shall be subjected to a half-sine shock of peak acceleration depending on the mass of the battery. The pulse duration shall be 6 milliseconds for small batteries and 11 milliseconds for large batteries. 每个电池应承受的峰值加速度取决于电池的质量。小电池的脉宽应为 6 毫秒，大电池的脉宽应为 11 毫秒。 - For small battery, smaller one of 150g_n or $\sqrt{100850/mass}$ - For large battery, smaller one of 50g_n or $\sqrt{30000/mass}$		P
	Peak acceleration and pulse duration: 峰值加速度和脉宽	20.24 g _n , 11 ms	P
	Each cell or battery shall be subjected to three shocks in the positive direction and to three shocks in the negative direction in each of three mutually perpendicular mounting positions of the cell or battery for a total of 18 shocks. 每一个电芯或电池在安装位置的 3 个垂直的轴向的正方向和负方向各进行 3 次冲击，总共 18 次。		P
	Requirements: no leakage, no venting, no disassembly, no rupture, no fire, and open circuit voltage of each test cell or battery after testing is not less than 90 % of its voltage immediately prior to this procedure. 要求：无泄漏、无排气、无解体、无破裂、无着火和每个试验电芯和电池在试验后的开路电压不小于其在进行试验前电压的 90%。	See the TABLE: 38.3.4.4	P
	The requirement relating to voltage is not applicable to test cells and batteries at fully discharge states. 测试电压的要求不适用于完全放电的电芯和电池。		--
38.3.4.5	External Short Circuit 外部短路		P
	The cell or battery to be tested shall be heated for a period of time necessary to reach a homogeneous stabilized temperature of 57±4°C, measured on the external case. 待测电芯或电池应加热一段时间，以稳定均衡在 57±4°C 的温度，并测量外壳上的温度。		P
	The exposure time shall be at least 6 hours for small cells and small batteries, and 12 hours for large cells and large batteries. 小电芯或小电池的暴露/加热时间应至少为 6 小时，大电芯或大电池的暴露/加热时间应至少为 12 小时。		P
	Then the cell or battery at 57± 4°C shall be subjected to one short circuit condition with a total external resistance of less than 0.1 ohm. 然后，在 57±4°C 下的电芯或电池应经受一次短路，外部线路总的电阻小于 0.1 欧姆。	See the TABLE: 38.3.4.5	P

UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, section 38.3 联合国《试验和标准手册》ST/SG/AC.10/11/Rev.8, section 38.3			
Clause 条款	Requirement + Test 要求+测试方法	Result - Remark 结果-备注	Verdict 判断
	This short circuit condition is continued for at least one hour after the cell or battery external case temperature has returned to $57 \pm 4^{\circ}\text{C}$, or in the case of the large batteries, has decreased by half of the maximum temperature increase observed during the test and remains below that value. 在电芯或电池外部外壳温度恢复到 $57\pm 4^{\circ}\text{C}$ 后, 短路状态继续持续至少一小时, 或对于大电池的情况下, 降至试验期间观察到的最大温升的一半, 并保持在该值以下。		P
	The short circuit and cooling down phases shall be conducted at least at ambient temperature. 短路和冷却阶段应至少在环境温度下进行。		P
	Requirements: external case temperature does not exceed 170°C and there is no disassembly, no rupture and no fire during the test and within six hours after the test. 要求: 外部温度不超过 170°C , 试验期间和试验后 6 小时内, 无解体、破裂或起火现象。	See the TABLE: 38.3.4.5	P
38.3.4.6	Impact, Crush 撞击, 挤压		P
38.3.4.6.2	Impact 撞击		N/A
	Applicable to cylindrical cells not less than 18.0 mm in diameter 适用于直径不小于 18.0 mm 的圆柱型电芯。	Prismatic cells 棱柱形电芯	N/A
	The test cell is placed on a flat smooth surface. A stainless steel bar (type 316 or equivalent) ($\varnothing 15.8 \text{ mm} \pm 0.1 \text{ mm}$, length: $\geq 60 \text{ mm}$ or of the longest dimension of the cell, whichever is greater) is placed across the centre of the test sample. 试验电芯放置平坦表面上。一根直径为 15.8 ± 0.1 毫米, 长度至少 6 厘米 (或该电芯的最大尺寸, 以较大者为准) 的 316 型不锈钢棒横放在样品的中心。		N/A
	A mass of $9.1 \text{ kg} \pm 0.1 \text{ kg}$ is dropped from a height of $61 \text{ cm} \pm 2.5 \text{ cm}$ at the intersection of the bar and the test sample in a controlled manner using a near frictionless, vertical sliding track or channel with minimal drag on the falling mass. 一个重达 9.1 ± 0.1 千克的铁锤从 61 ± 2.5 厘米高处以几乎无摩擦和零拉力的姿态沿垂直轨道或通道跌落至不锈钢棒与样品的交结点上。		N/A
	The test sample is to be impacted with its longitudinal axis parallel to the flat surface and perpendicular to the longitudinal axis of the steel bar lying across the centre of the test sample. Each sample is to be subjected to only a single impact. 被撞击的测试样品的长轴平行于平面, 并与横放在样品中心的不锈钢棒垂直, 每只样品只经受一次撞击。		N/A
38.3.4.6.3	Crush 挤压		P
	Applicable to prismatic, pouch, coin/button cells and cylindrical cells less than 18.0 mm in diameter. 适用于棱柱形、袋形、硬币/纽扣式电池和直径小于 18.0 mm 的圆柱型电芯。	Prismatic cells 棱柱形电芯	P

UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, section 38.3 联合国《试验和标准手册》ST/SG/AC.10/11/Rev.8, section 38.3			
Clause 条款	Requirement + Test 要求+测试方法	Result - Remark 结果-备注	Verdict 判断
	A cell or component cell is to be crushed between two flat surfaces. The crushing is to be gradual with a speed of approximately 1.5cm/s at the first point of contact. 在两个平面间对电芯或元件电芯进行挤压，挤压在第一个接触点的速度约为 1.5cm/s。		P
	The crushing is to be continued until the first of the three options below is reached. (a) The applied force reaches 13kN±0.78kN; (b) The voltage of the cell drops by at least 100 mV; or (c) The cell is deformed by 50% or more of its original thickness. Once the maximum pressure has been obtained, the voltage drops by 100mV or more, or the cell is deformed by at least 50% of its original thickness, the pressure shall be released. 直到发生下述三个条件中的任一条件： (a) 作用力达到 13kN±0.78kN; (b) 电芯电压下降至少 100mV；或 (c) 电芯厚度和最初比较变形 50%以上。 一旦达到最大压力，电压降超过 100 mV 或者电芯变形至少 50%，压力应该解除。	The crushing force is released until condition (a) was reached. 作用力达到了条件 (a) 时压力解除。	P
	A prismatic or pouch cell shall be crushed by applying the force to the widest side. 棱形或袋装电芯应该在宽面施加挤压力。 A button/coin cell shall be crushed by applying the force on its flat surface. 纽扣/硬币电芯应该在平面施加挤压力。 For cylindrical cells, the crush force shall be applied perpendicular to longitudinal axis. 圆柱型电芯应该在长轴的垂直方向施加挤压力。		P
	Each test cell or component cell is to be subjected to one crushed only. The test sample shall be observed for a further 6h. The test shall be conducted using test cell or component cells that have not previously been subjected to others tests. 每一个测试的电芯或元件电芯只进行一次挤压，测试后再观察 6h。用于测试的电芯或元件电芯之前没有进行过其它的测试。		P
38.3.4.6.4	Result of Impact and Crush 撞击和挤压试验结果		P
	Requirements: External temperature does not exceed 170°C and there is no disassembly and no fire during the test and within six hours after this test. 要求：外部温度不超过 170°C，试验期间和试验后 6 小时内，无解体或起火现象。	See the TABLE: 38.3.4.6	P
38.3.4.7	Overcharge 过度充电		P
	Applicable to rechargeable lithium cell/battery with overcharge protection. 适用于具有过充电保护功能的可充电锂电芯/电池。	With overcharge protection 含过充保护装置	P
	The charge current shall be twice the manufacturers' recommended maximum continuous charge current. 充电电流应为制造商推荐的最大持续充电电流的两倍。	21.82A applied.	P

UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.8, section 38.3 联合国《试验和标准手册》ST/SG/AC.10/11/Rev.8, section 38.3			
Clause 条款	Requirement + Test 要求+测试方法	Result - Remark 结果-备注	Verdict 判断
	- When the manufacturer's recommended charge voltage is not more than 18V, the minimum voltage of the test shall be the lesser of two times the maximum charge voltage of the battery or 22V. 制造商建议的充电电压不大于 18 伏时, 实验的最小电压应是电池组最大充电电压的两倍或 22 伏两者中的较小者。 - When the manufacturer's recommended charge voltage is more than 18V, the minimum voltage of the test shall be 1.2 times maximum charge voltage. 制造商建议的充电电压大于 18 伏时, 实验的最小电压应是最大充电电压的 1.2 倍。	1020V applied.	P
	Tests are to be at ambient temperature. The duration of the test shall be 24 hours. 测试在室温下进行, 测试时间为 24h。		P
	Requirements: there is no disassembly and no fire during the test and within seven days after this test. 要求: 试验期间和试验后 7 天内, 无解体或起火现象。	See the TABLE: 38.3.4.7	P
38.3.4.8	Forced Discharge 强制放电		P
	Each cell shall be forced discharged at ambient temperature by connecting it in series with a 12V D.C, power supply at an initial current equal to the maximum discharge current specified by the manufacturer. 在环境温度下, 将单个电芯连接在 12V 的直流电源上进行强制放电, 此直流电源提供给每个电芯的初始电流为制造厂指定的最大放电电流。		P
	Requirements: there is no disassembly and no fire during the test and within seven days after this test. 要求: 试验期间和试验后 7 天, 无解体或起火现象。	See the TABLE: 38.3.4.8	P

TABLE: 38.3.4.1 Altitude simulation 高度模拟							P
Sample No.	Before Test		After Test		Mass loss (%)	Residual OCV (%)	Results
	Mass(kg)	OCV(V)	Mass(kg)	OCV(V)			
Fully charged at first cycle 一次循环后完全充电状态							
B1#	73.242	562.6	73.242	562.6	0.000	100.00	O
B2#	73.235	562.5	73.235	562.5	0.000	100.00	O
Fully charged after 25 cycles 25 次循环后完全充电状态							
B3#	73.238	562.6	73.238	562.6	0.000	100.00	O
B4#	73.243	562.5	73.243	562.5	0.000	100.00	O
Results: O = no leakage, no venting, no disassembly, no rupture, no fire, and the open circuit voltage drop not less than 90%							

TABLE: 38.3.4.2 Thermal test 温度试验							P
Sample No.	Before Test		After Test		Mass loss (%)	Residual OCV (%)	Results
	Mass(kg)	OCV(V)	Mass(kg)	OCV(V)			
Fully charged at first cycle 一次循环后完全充电状态							
B1#	73.242	562.6	73.230	555.6	0.016	98.76	O
B2#	73.235	562.5	73.224	555.7	0.015	98.79	O
Fully charged after 25 cycles 25 次循环后完全充电状态							
B3#	73.238	562.6	73.228	555.8	0.014	98.79	O
B4#	73.243	562.5	73.231	555.7	0.016	98.79	O
Results: O = no leakage, no venting, no disassembly, no rupture, no fire, and the open circuit voltage drop not less than 90%							

TABLE: 38.3.4.3 Vibration 振动							P
Sample No.	Before Test		After Test		Mass loss (%)	Residual OCV (%)	Results
	Mass(kg)	OCV(V)	Mass(kg)	OCV(V)			
Fully charged at first cycle 一次循环后完全充电状态							
B1#	73.230	555.6	73.227	555.5	0.004	99.98	O
B2#	73.224	555.7	73.224	555.7	0.000	100.00	O
Fully charged after 25 cycles 25 次循环后完全充电状态							
B3#	73.228	555.8	73.225	555.7	0.004	99.98	O
B4#	73.231	555.7	73.229	555.6	0.003	99.98	O
Results: O = no leakage, no venting, no disassembly, no rupture, no fire, and the open circuit voltage drop not less than 90%							

TABLE: 38.3.4.4 Shock 冲击							P
Sample No.	Before Test		After Test		Mass loss (%)	Residual OCV (%)	Results
	Mass(kg)	OCV(V)	Mass(kg)	OCV(V)			
Fully charged at first cycle 一次循环后完全充电状态							
B1#	73.227	555.5	73.227	555.5	0.000	100.00	O
B2#	73.224	555.7	73.224	555.7	0.000	100.00	O
Fully charged after 25 cycles 25 次循环后完全充电状态							
B3#	73.225	555.7	73.225	555.7	0.000	100.00	O
B4#	73.229	555.6	73.229	555.6	0.000	100.00	O
Results: O = no leakage, no venting, no disassembly, no rupture, no fire, and the open circuit voltage drop not less than 90%							

TABLE: 38.3.4.5 External Short-circuit 外部短路				P
Sample No.	Ambient(°C) (At 57± 4°C)	Testing resistance (mΩ)	Max. External Temperature(°C)	Results
Fully charged at first cycle 一次循环后完全充电状态				
B1#	57.3	84.3	58.2	O
B2#	57.3	83.3	58.6	O
Fully charged after 25 cycles 25 次循环后完全充电状态				
B3#	57.4	85.5	58.4	O
B4#	57.4	87.8	58.0	O
Results: O = no disassembly, no rupture, no fire during the test and within six hours after the test.				

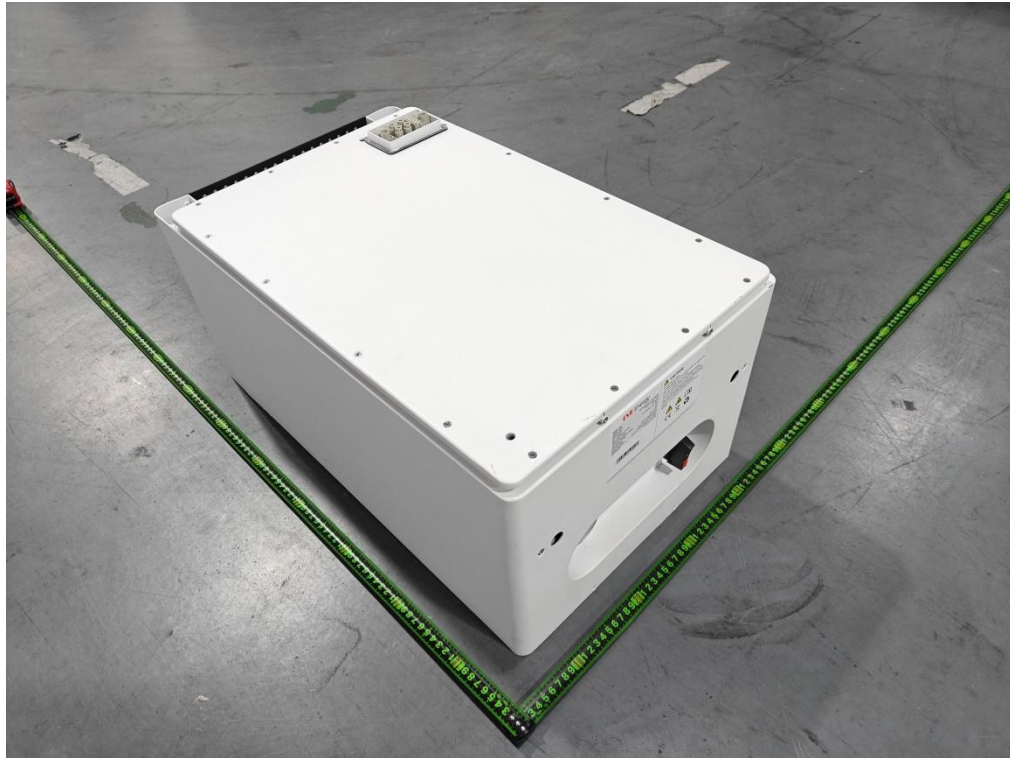
TABLE: 38.3.4.6 Impact 撞击					N/A
TABLE: 38.3.4.6 Crush 挤压					P
Sample No.	Max. External Temperature(°C)	Results	Sample No.	Max. External Temperature(°C)	Results
50% of the design rated capacity at first cycle 一次循环后 50%设计容量			50% of the design rated capacity after 25 cycles 25 次循环后 50%设计容量		
C1#	24.7	O	C6#	23.5	O
C2#	23.6	O	C7#	24.3	O
C3#	24.5	O	C8#	24.6	O
C4#	24.3	O	C9#	23.5	O
C5#	23.5	O	C10#	24.4	O
Results: O = no disassembly, no fire during the test and within six hours after this test.					

TABLE: 38.3.4.7 Overcharge 过度充电					P
The test current = 21.82A					-
The test voltage = 1020V					-
Sample No.	OCV(V)	Results	Sample No.	OCV(V)	Results
Fully charged at first cycle 一次循环后完全充电状态			Fully charged after 25 cycles 25 次循环后完全充电状态		
B5#	562.5	O	B7#	562.6	O
B6#	562.5	O	B8#	562.6	O
Results: O = no disassembly, no fire during the test and within seven days after this test.					

TABLE: 38.3.4.8 Forced discharge 强制放电					P
Sample No.	OCV(V)	Results	Sample No.	OCV(V)	Results
Fully discharged at first cycle 一次循环后完全放电状态			Fully discharged after 25 cycles 25 次循环后完全放电状态		
C11#	2.954	O	C21#	2.949	O
C12#	2.962	O	C22#	2.955	O
C13#	2.948	O	C23#	2.968	O
C14#	2.956	O	C24#	2.944	O
C15#	2.962	O	C25#	2.952	O
C16#	2.954	O	C26#	2.963	O
C17#	2.935	O	C27#	2.945	O
C18#	2.951	O	C28#	2.966	O
C19#	2.947	O	C29#	2.962	O
C20#	2.953	O	C30#	2.957	O
Results: O = no disassembly, no fire during the test and within seven days after this test.					

Photos of the Battery 电池照片

View 1/视图 1

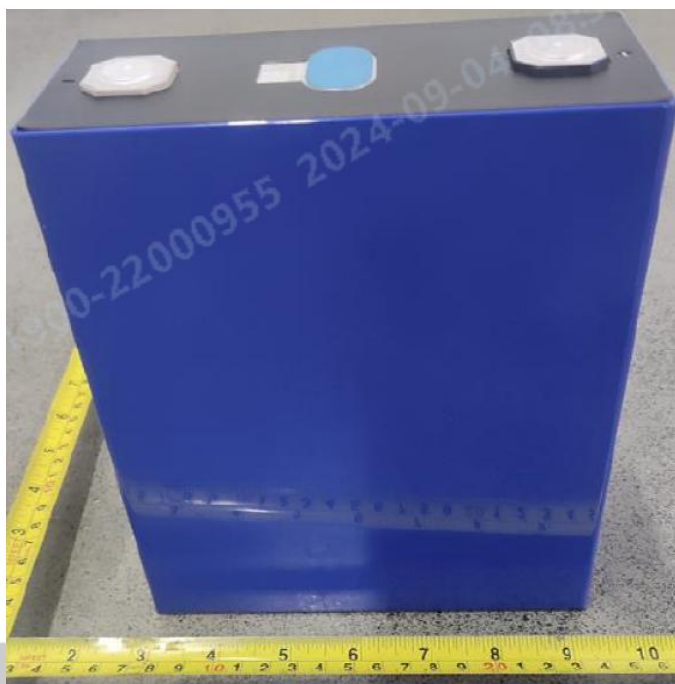


View 2/视图 2

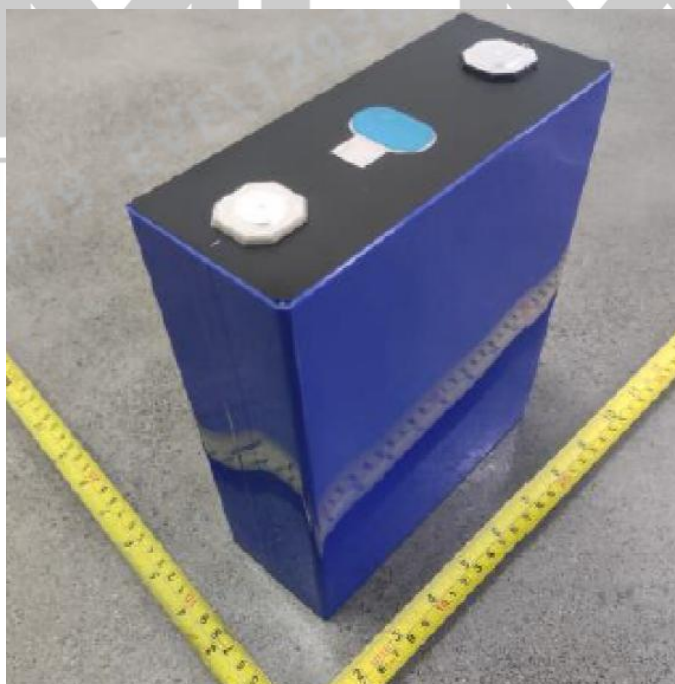


Photos of the Cell 电芯照片

View 1/视图 1



View 2/视图 2



-- End of Report --

Important Note
注意事项

1. This test report is invalid without the special testing seal and cross-page seal of Guangzhou MCM Certification & Testing Co., Ltd.
本检测报告无广州邦禾检测技术有限公司检测专用章、骑缝章无效。
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4. This test report is invalid if altered.
本检测报告涂改无效。
5. Objection to this test report must be submitted to Guangzhou MCM Certification & Testing Co., Ltd. within 15 days after the publication of the report.
若对此检测报告有异议，必须在报告发布之日起十五天内向广州邦禾检测技术有限公司提出。
6. This test report is only responsible for the received samples.
本检测报告仅对收到的样品负责。
7. We are not responsible for the authenticity of information (including sample information) provided by customers.
客户提供的信息（包括样品信息），本公司不对其真实性负责。
8. As for the test results, "N/A" means "Not applicable", "P" means "Pass" and "F" means "Fail".
本检测结果判定中"N/A"表示“不适用”，"P"表示“通过”，"F"表示“不通过”。

Testing Lab.: Guangzhou MCM Certification & Testing Co., Ltd.

检测单位: 广州邦禾检测技术有限公司

Address: Building 2 No. 45 Zhong Er Section of Shiguang Road, Zhongcun Street, Panyu District, Guangzhou City, Guangdong Province, China.

地址: 中国 广东省广州市番禺区钟村街市广路钟二路段 45 号 2 栋

Tel/电话: +86-20-3477 7662 或 0086-020-3477 7662

Email/电子邮箱: service@mcmtek.com

Web/公司网址: <https://www.mcmtek.com>



中国认可
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检验
INSPECTION
CNAS IB0551



Report No.:
报告编号: HBYWA2GXD02YM501

Certificate for Safe Transport

of Intended cargo by Maritime Transport

拟运货物海上运输条件鉴定书

Dangerous Goods 危险货物

Name of Goods
货物名称

Rechargeable Li-ion Battery
可充电锂离子电池

Applicant
委托单位

EVE Power Co., Ltd.
湖北亿纬动力有限公司

Issue Date
签发日期

2026-03-10

Inspected by/检验

Zhangcong Su

Inspection Engineer

Reviewed by/审核

Qian Huang

Audit Engineer

Approved by/批准

Jiangbin Ku

Approval Engineer

广州邦禾检测技术有限公司

Guangzhou MCM Certification & Testing Co., Ltd.

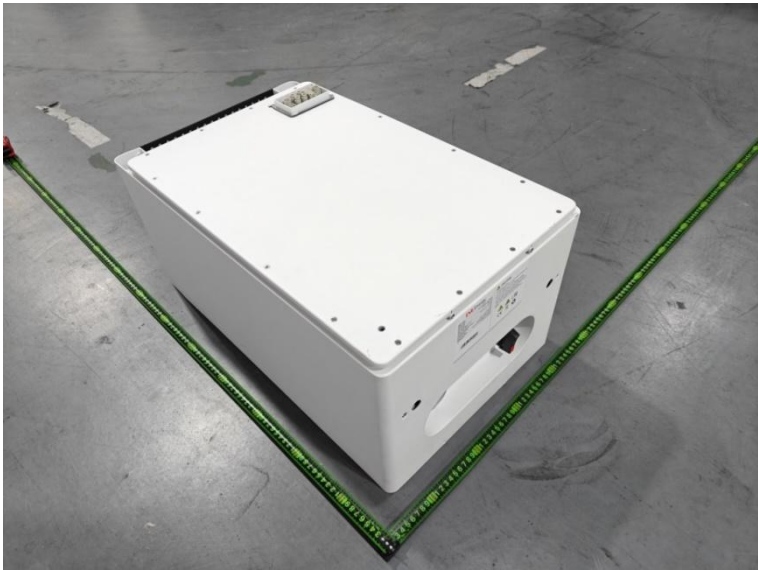
Inspection Conclusion 检验结论				
Name 货物名称	Rechargeable Li-ion Battery 可充电锂离子电池			
Model 货物型号	RHV8.0-MB31-V1.0	Classification 货物类别	Lithium Ion Batteries 锂离子电池	
Rating 额定值	25.6V, 314Ah, 8.0kWh			
Information 信息	Package G. W. 包装毛重	77.6±3kg	Equipment's Qty. 设备数量	/
	Batteries' N.W. 电池净重	75±3kg	Batteries' Qty. 电池数量	1pcs
Applicant 委托单位	EVE Power Co.,Ltd. 湖北亿纬动力有限公司			
	No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei, P.R. China 湖北省荆门市掇刀区荆南大道 68 号			
Manufacturer 制造单位	EVE Power Co.,Ltd. 湖北亿纬动力有限公司			
	No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei, P.R. China 湖北省荆门市掇刀区荆南大道 68 号			
Factory 生产单位	EVE Power Co.,Ltd. 湖北亿纬动力有限公司			
	No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei, P.R. China 湖北省荆门市掇刀区荆南大道 68 号			
Identification 鉴定单位	Guangzhou MCM Certification & Testing Co., Ltd. 广州邦禾检测技术有限公司			
Standard 鉴定标准	IMO <i>International Maritime Dangerous Goods Code</i> (42-24 Edition) IMO《国际海上危险货物运输规则》（42-24 版）			
Date 日期	Submission 送检日期	2025-12-15	Appraisal 鉴定日期	2026-02-10
	Validity 有效期	2026-03-10 ~ 2026-12-31		
Conclusion 检验结论	Hazards identification 危险品识别 Dangerous Goods, Class 9 第九类危险货物 UN nos. and proper shipping name UN 编号和运输专用名 UN 3480, LITHIUM ION BATTERIES UN 3480, 锂离子电池 Packing requirements 包装要求 Packaging in accordance to PI P903 按照包装指引 P903 进行包装		Label used 标签使用 	
	Seal: 检验专用章:			
Comment: 备注:	/			

IMO International Maritime Dangerous Goods Code (42-24 Edition)			
IMO 《国际海上危险货物运输规则》 (42-24 版)			
Clause- Requirement 条款-要求		Result-Remark 结果-备注	Verdict 判定
2.9.4 Lithium batteries 2.9.4 锂电池组			P
2.9.5 Sodium ion batteries 2.9.5 钠离子电池组			N/A
2.9.4.1 2.9.5.1	Each cell or battery is of the type proved to meet the requirements of each test of the Manual of Tests and Criteria, part III, subsection 38.3 每个型号的电芯或电池满足《试验和标准手册》第 III 部分第 38.3 节每项试验的要求。	The batteries met the test requirements of Section 38.3 of UN Manual of Test and Criteria. See Test report <u>HBYWA2GXD02U01</u> 电池符合联合国《试验和标准手册》中 38.3 章的测试要求。见检测报告 <u>HBYWA2GXD02U01</u>	P
2.9.4.2 2.9.5.2	Each cell and battery incorporates a safety venting device or is designed to preclude a violent rupture under conditions normally incident to transport. 每一个电芯和电池都装有安全排气装置, 或设计上能预防在正常运输下发生剧烈破裂	Complied 符合要求	P
2.9.4.3 2.9.5.3	Each cell and battery is equipped with an effective means of preventing external short circuits. 每一个电芯和电池都装有防止外部短路的有效装置	Complied 符合要求	P
2.9.4.4 2.9.5.4	Each battery containing cells or series of cells connected in parallel is equipped with effective means as necessary to prevent dangerous reverse current flow (e.g. diodes, fuses, etc.). 每个包含多个并联电芯或电芯块的电池, 都装有防止反向电流造成危险所需的有效装置 (例如二极管、保险丝等)	Complied 符合要求	P
2.9.4.5 2.9.5.5	Cells and batteries shall be manufactured under a quality management programme. 电芯和电池应在质量管理计划下生产。	The customer states that it meets the requirements 客户申明满足要求	P
2.9.4.6	Lithium batteries, containing both primary lithium metal cells and rechargeable lithium ion cells, that are not designed to be externally charged (see special provision 387 of chapter 3.3) shall meet the conditions 按设计要求不能外部充电的既含有一次性锂金属电芯又含有可充电锂离子电芯的电池 (见第 3.3 章节特殊规定 387), 必须满足此条件	/	N/A
2.9.4.7 2.9.5.6	Except for button cells installed in equipment (including circuit boards), manufactures and subsequent distributors of cells or batteries manufactured after 30 June 2003 shall make available the test summary as specified in the Manual of Tests and Criteria, part III, subsection 38.3, paragraph 38.3.5. 除安装在设备 (包括电路板) 中的纽扣电池外, 2003 年 6 月 30 日之后制造的电芯或电池的制造商和后续分销商必须提供《试验和标准手册》第 III 部分第 38.3 小节第 38.3.5 段规定的测试概要。	Test summary has been available on request. See Test summary <u>HBYWA2GXD02G01</u> 测试概要按要求提供。见检测报告 <u>HBYWA2GXD02G01</u>	P
Special Provision 230 特殊条款 230			P
	Lithium cells and batteries may be transported under this entry if they meet the provisions of 2.9.4 锂电芯和电池如符合 2.9.4 的规定, 可按本条目运输。	See table 2.9.4 above 见上表 2.9.4	P
	Sodium ion cells and batteries may be transported under this entry if they meet the provisions of 2.9.5 钠离子电芯和电池如符合 2.9.5 的规定, 可按本条目运输。	/	N/A
Special Provision 348 特殊条款 348			P

IMO International Maritime Dangerous Goods Code (42-24 Edition)			
IMO 《国际海上危险货物运输规则》 (42-24 版)			
Clause- Requirement 条款-要求		Result-Remark 结果-备注	Verdict 判定
	Lithium ion batteries manufactured after 31 December 2011 shall be marked with the Watt hour rating on the outer case. 2011 年 12 月 31 日后生产的锂离子电池组, 应该在外壳上标记瓦特-小时的额定值。	The watt hour rating has been marked on the outer case 瓦时数已标记在外壳上	P
	Sodium ion batteries manufactured after 31 December 2025 shall be marked with the Watt hour rating on the outer case. 2025 年 12 月 31 日后生产的钠离子电池组, 应该在外壳上标记瓦特-小时的额定值。	/	N/A
Packing Instruction P903 包装指引 P903			P
(1)	For cells and batteries 对于电芯和电池	Complied 满足要求	P
	(Applicable packing cases 适用的包装箱) Drums 桶 (1A2, 1B2, 1N2, 1H2, 1D, 1G); Boxes 箱 (4A, 4B, 4N, 4C1, 4C2, 4D, 4F, 4G, 4H1, 4H2); Jerricans 罐 (3A2, 3B2, 3H2)。	4G Fiberboard box used 使用 4G 纤维板箱	P
	Cells or batteries packed in packagings shall be protected against damage that may be caused by the movement or displacement of the cells or batteries within the packaging. 装在包装中的电芯或电池应采取保护措施,防止电芯或电池因在包装中移动或位置变化而造成损坏。	Equivalent protection existed 已有相当防护措施	P
	Packagings shall conform to the packing group II performance level. 包装应该符合包装类别 II 级的性能水平。	Complied 符合要求	P
(2)	In addition for cells or batteries with a gross mass of 12 kg or more employing a strong, impact resistant outer casing, and, assemblies of such cells or batteries 此外,对于总质量 12kg 或以上的采用坚固、耐碰撞外壳的电芯或电池,以及这类电芯或电池的装配	/	N/A
	(a) Strong outer packagings 坚固的外包装 (b) Protective enclosures (e.g. fully enclosed or wooden slatted crates); 保护外罩 (例完全密封的或木制的板条箱) (c) Pallets or other handling devices. 货板或其他搬运装置	/	N/A
	Cells or batteries shall be secured to prevent inadvertent movement, and the terminals shall not support the weight of other superimposed elements. 电芯或电池应加以固定,以防意外移动,电极不得承受其他叠放物品的重量	/	N/A
	Packagings need not meet the requirements of 4.1.1.3. 包装无须符合 4.1.1.3 的要求。		—
(3)	For cells or batteries packed with equipment 对于与设备一同打包的电芯或电池	Not this transportation state 非此运输状态	N/A
(4)	For cells or batteries contained in equipment: 对于安装在设备上的电芯或电池	Not this transportation state 非此运输状态	N/A
(5)	For packaging containing both cells or batteries packed with equipment and contained in equipment 对于含有或与设备一同打包或安装在设备上的电芯或电池	Not this transportation state 非此运输状态	N/A
	Additional requirement 附加要求 Cells or batteries shall be protected against short circuit. 电芯或电池应该加以保护免受短路。	Measures against short circuits existed 已存在防止短路措施	P
Packing Instruction LP903 包装指引 LP903			N/A

Photos of the Battery
电池照片

Battery: RHV8.0-MB31-V1.0, 25.6V, 314Ah, 8.0kWh



Battery Type:	Rechargeable Li-ion Battery
Battery Model:	RHV8.0-MB31-V1.0
Battery Capacity / Energy:	314Ah / 8.0kWh
Battery Nominal Voltage:	25.6Vd.c.
Input/Output Voltage:	450-850Vd.c.
Rated Discharge Power:	4kW
Operating Temperature Range:	-20°C~50°C
Enclosure Type:	IP65(Energy Storage System)
Battery Designation:	IFP73/175/209(1P8SJW-20+50/96
Manufacturer:	EVE Power Co.,Ltd.

Production Date: 2025.12.01
Serial Number: ESXXXXT3RC0100001
SN Code:

Address: No.68,Jingnan Avenue,Jingmen
Hi-tech Zone,Jingmen City,Hubei,P.R.China

CAUTION:

- Read instructions carefully before performing any operation on the battery.
- Do not use or store the battery where is exposed to extremely hot,such as under window of a car in direct sunlight in a hot day.
- Do not use battery in the strong electrostatic and magnetic field.
- Do not throw batteries into a fire or heater.
- Do not reverse charge or over-discharge the battery.
- Disposal of Lithium Batteries in accordance with local disposal regulation.

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Photos of the Package
包装件照片



-- End of Report --

Important Note
注意事项

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Identification
货物鉴定单位

Guangzhou MCM Certification & Testing Co., Ltd.

广州邦禾检测技术有限公司

Building 2 No. 45 Zhong Er Section of Shiguang Road, Zhongcun Street, Panyu District, Guangzhou City, Guangdong Province, China.
中国 广东省广州市番禺区钟村街市广路钟二路段 45 号 2 栋

Tel 电话:

+86-20-3477 7662 或 0086-020-3477 7662

Email 电子邮箱:

service@mcmtek.com

Web 公司网址:

<https://www.mcmtek.com>



中国认可
检验
INSPECTION
CNAS IB0551



Report No.
检验报告编号: HBYWA2GXD03DI01

Hazard and Classification Identification

for Goods to be transported

拟运货物危险属性与分类鉴别报告 (危特报告)

Goods to be transported
拟运货物

Rechargeable Li-ion Battery
可充电锂离子电池

Applicant
申请单位

EVE Power Co., Ltd.
湖北亿纬动力有限公司

Issued date
签发日期

2026-03-10

Zhangcong Su

Inspection Engineer
检验工程师

Yuan Huang

Audit Engineer
审核工程师

Jiangbin Ku

Approval Engineer
批准工程师

广州邦禾检测技术有限公司

Guangzhou MCM Certification & Testing Co., Ltd.

Hazard and Classification Identification for Goods to be transported**拟运货物危险属性与分类鉴别报告 (危特报告)****General Information 基本信息**

Applicant 申请单位	EVE Power Co.,Ltd. 湖北亿纬动力有限公司 No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei, P.R. China 湖北省荆门市掇刀区荆南大道 68 号
Manufacturer 制造单位	EVE Power Co.,Ltd. 湖北亿纬动力有限公司 No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei, P.R. China 湖北省荆门市掇刀区荆南大道 68 号
Factory 生产单位	EVE Power Co.,Ltd. 湖北亿纬动力有限公司 No.68,Jingnan Avenue, Duodao, Jingmen Hi-tech Zone, Jingmen City, Hubei, P.R. China 湖北省荆门市掇刀区荆南大道 68 号

Description of products 产品说明

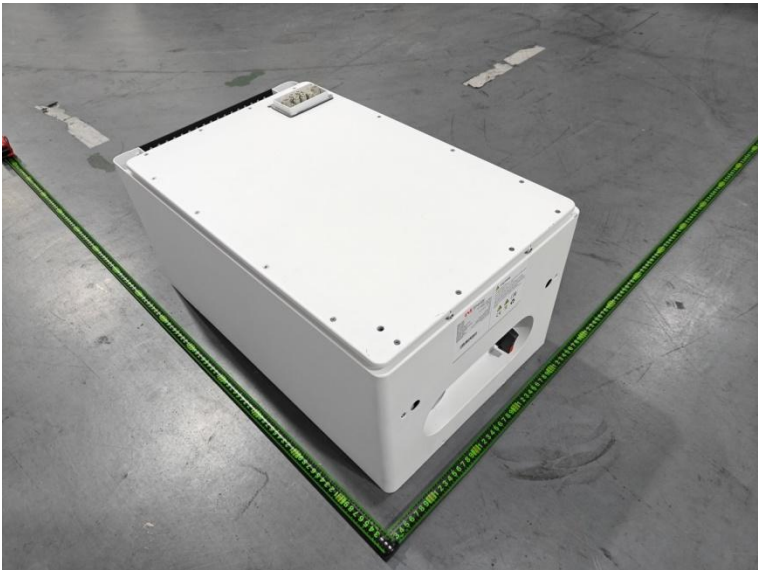
Goods to be transported 拟运货物	Rechargeable Li-ion Battery 可充电锂离子电池		
Model and rating 型号及额定值	RHV8.0-MB31-V1.0, 25.6V, 314Ah, 8.0kWh		
Classification 分类	Lithium Ion Batteries 锂离子电池组	Rated Energy 能量值	8.0kWh
Batteries met the requirements of cl. 2.9.4 电池满足条款 2.9.4 的相关要求		Test report 测试报告	HBYWA2GXD02U01
If vehicle powered by fuel, its fuel type and model/rating 如车辆应用燃料，其燃料的类型和型号/参数			N/A

Inspection and conclusion 检验与结论

Receipt 接收日期	2025-12-15	Inspection 检验日期	2026-02-09
Validity 有效期	2026-03-10 ~ 2027-03-09		
Standard used 检验标准	UN Recommendations on the TRANSPORT OF DANGEROUS GOODS Model Regulations Rev.23 联合国《关于危险货物运输的建议书 规章范本》(Rev.23) 《危险化学品目录》(2015 版)		
UN nos. & PSN UN 编号&运输名	UN 3480, LITHIUM ION BATTERIES UN 3480, 锂离子电池组		
Class or Division 危险等级	Class 9		
Package group 包装类别	PG II	Label 标签	
Requirement 包装要求	P903 / LP903		
是否属于《危险化学品目录》中提及的危险化学品:			

Hazard and Classification Identification for Goods to be transported
拟运货物危险属性与分类鉴别报告（危特报告）

RHV8.0-MB31-V1.0, 25.6V, 314Ah, 8.0kWh



Battery Type:	Rechargeable Li-ion Battery
Battery Model:	RHV8.0-MB31-V1.0
Battery Capacity / Energy:	314Ah / 8.0kWh
Battery Nominal Voltage:	25.6Vd.c.
Input/Output Voltage:	450-850Vd.c.
Rated Discharge Power:	4kW
Operating Temperature Range:	-20℃~50℃
Enclosure Type:	IP65(Energy Storage System)
Battery Designation:	IFP73/175/209(1P6S)M/-20+50/95
Manufacturer:	EVE Power Co.,Ltd.

Production Date: 2025.12.01
Serial Number: ESXXXXT3RC0100001
SN Code:

Address: No.68,Jingnan Avenue,Jingmen
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CAUTION:

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- Disposal of Lithium Batteries in accordance with local disposal regulation.

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End of Report 报告结束

Hazard and Classification Identification for Goods to be transported

拟运货物危险属性与分类鉴别报告（危特报告）

Declaration

声明

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Identification 货物鉴定单位	Guangzhou MCM Certification & Testing Co., Ltd. 广州邦禾检测技术有限公司
Operating address 运营地址	Building 2 No. 45 Zhong Er Section of Shiguang Road, Zhongcun Street, Panyu District, Guangzhou City, Guangdong Province, China. 中国 广东省广州市番禺区钟村街市广路钟二路段 45 号 2 栋
Laboratory address 实验室地址	Building 2 No. 45 Zhong Er Section of Shiguang Road, Zhongcun Street, Panyu District, Guangzhou City, Guangdong Province, China. 中国 广东省广州市番禺区钟村街市广路钟二路段 45 号 2 栋
Telephone 电话	+86-20-3477 7662 或 0086-020-3477 7662
Email 电子邮箱	service@mcmtek.com
Website 公司网址	https://www.mcmtek.com