



中国认可
国际互认
检测
TESTING
CNAS L0095

Page 1 of 5 Pages

No.: RZUN2023-4239-M2

检测报告

TEST REPORT

UN38.3

NAME OF SAMPLE:

Lithium ion batteries

产品名称:

锂离子蓄电池

CLIENT:

Huawei Digital Power Technologies Co., Ltd.

委托单位:

华为数字能源技术有限公司

CLASSIFICATION OF TEST:

Commission Test

检测类别:

委托测试

威凯检测技术有限公司
CVC Testing Technology Co., Ltd.

检测报告

TEST REPORT

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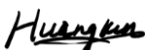
Name of samples: Lithium ion batteries 样品名称:锂离子蓄电池	Type/Model: 型号规格: LUNA2000-7-E1 450V/600V 6,9kWh
Color: White 样品颜色:白色	Physical shape: Irregular shape 样品形状: 不规则形状
Commissioned by: Huawei Digital Power Technologies Co., Ltd. 委托单位: 华为数字能源技术有限公司	Commissioner address: Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C. 委托单位地址:深圳市福田区香蜜湖街道香安社区安托山六路 33 号安托山总部大厦 A 座研发 39 层 01 号
Manufacturer: Huawei Digital Power Technologies Co., Ltd. 制造商: 华为数字能源技术有限公司	Manufacturer address:Office 01, 39th Floor, Block A, Antuoshan Headquarters Towers, 33 Antuoshan 6th Road, Futian District, Shenzhen, 518043, P.R.C. 制造商地址: 深圳市福田区香蜜湖街道香安社区安托山六路 33 号安托山总部大厦 A 座研发 39 层 01 号
Factory: Huizhou Sunwoda Energy Technology Co., Ltd. 生产厂: 惠州市欣旺达能源科技有限公司	Factory address: "Jiweidu" (local name) section of Zhenxing Avenue, Lixi Economic Union, Yuanzhou Town, Boluo County, Huizhou City, Guangdong, P.R.China 生产厂地址: 博罗县园洲镇沥西经济联合社振兴大道“基围笃”(土名)地段
Classification of test: Commission Test 检测类别: 委托测试	Quantity of sample: 1 battery pack 样品数量: 1 个电池组
Tested according to: 测试标准: ST/SG/AC.10/11/Rev.7/Amend.1/Section 38.3	Sample identification: 样品标识序号:1#
Receiving date: 接样日期: 2024-01-29	Means of receiving: Submitted by commissioner 接样方式: 委托单位送样
Completing date: 完成日期: 2024-02-02	Test item: - 测试项目: -
Test conclusion: 检测结论: The Lithium ion batteries submitted by Huawei Digital Power Technologies Co., Ltd. The sample's differences between this report and original report RZUN2023-4239 are comply with the requirements of the Section 38.3 of the Seventh revised edition Amendment 1 of the Manual of Tests and Criteria (ST/SG/AC.10/11/Rev.7/Amend.1/Section 38.3). No need to test. 由华为数字能源技术有限公司送检的锂离子蓄电池, 与原报告 RZUN2023-4239 的样品差异符合联合国《试验和标准手册》第七修订版修正 1 第 38.3 节相关规定, 无需测试。 Seal of CVC CVC 盖章 Date of issue: 签发日期: 2024-02-04	

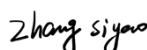
Title: Manager
批准人职务: 经理

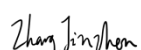
Approved by: Huang Kun

Reviewed by: Zhang Siyao

Tested by: Zhang Jinzhen

批 准: 

审 核: 

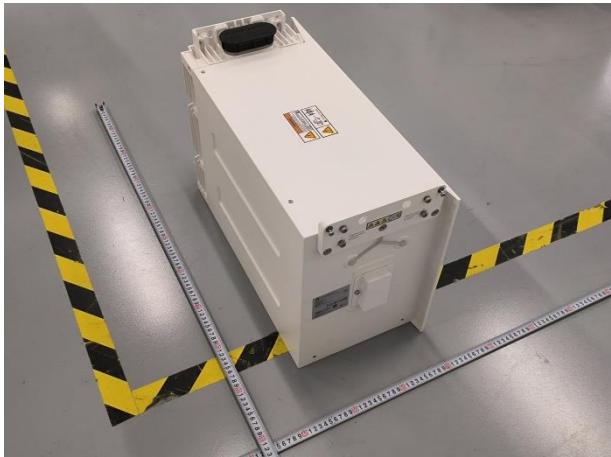
检 测: 

Description and illustration of the sample: 样品说明及描述: The sample's status is good 样品状况良好。 The battery (LUNA2000-7-E1) is composed of cells (LF280K), and the connection mode is: 8S1P 电池组（LUNA2000-7-E1）由电芯（LF280K）组成，连接方式为：8S1P Cell Dimensions/电芯尺寸: 72,0mm*172mm*204mm Watt-hour rating of each battery/ 单个电池组的瓦时率: 6,9kWh The specification parameter of the internal battery pack of the sample in this report is 25,6V 280Ah. Due to the internal boost circuit, the actual output energy is 6,9kWh. 本报告中样品内部电池组的规格参数为 25,6V 280Ah,由于内部升压电路原因，所以实际输出能量为 6,9kWh。
Description of the sampling procedure: 取样程序的说明: /
Description of the deviation from the standard, if any: 试验结果不符合标准项的说明: /
Remarks: 备注: 1. Throughout this report a comma is used as the decimal separator. 本报告中以逗号代替小数点。 2. This report is transformed from original report RZUN2023-4239, which is issued on 2023.09.15, no new test item is involved. 本报告是 RZUN2023-4239 的变更报告，原报告签发于 2023 年 09 月 15 日，不涉及新的测试项目。 3. The sample name and sample photos have been changed in this report, the modified items did not change the key materials, design and production process of the sample of original report, the production factory entity has no change. 本报告中变更了样品名称、样品照片，该变更未改变原报告中样品的关键材料，产品设计和生产工艺，生产厂也未改变。 4. This report needs to be used with the original report. 本报告需和原报告一起使用。



Photos of Samples and Labels/样品照片及标识

Battery/电池（LUNA2000-7-E1 450V/600V 6,9kWh）





Model: LUNA2000-7-E1
Name: Energy Storage Module

Battery Type: Li-Ion
Battery Energy: 6.9 kWh
Input/Output: 350 V – 980 V; 10 A; 3.5 kW
Max Input/Output Current: 10 A
Protective Class: I
Battery Interface: Isolated
Enclosure Type: IP66 (Energy Storage System)
Weight: 68 kg
Operating Temperature Range: - 20 – + 55 °C

合格证
QC PASS



警告图标

华为数字能源技术有限公司
Huawei Digital Power Technologies Co., Ltd.
Huawei Digital Power Antuoshan Headquarters, Shenzhen 518043, P.R.C

中国制造
MADE IN CHINA

有
用章

注 意 事 项 Important

1. 报告无检测单位印章无效。
The test report is invalid without the seal of CVC.
2. 未经本试验室书面同意，不得部分地复制本报告。
Nobody is allowed to photocopy or partly photocopy this test report without written permission of CVC.
3. 本报告无批准人、审核人及检测人签名无效。
The test report is invalid without the signatures of Ratifier, Reviewer and Testing engineer.
4. 本报告涂改无效。
The test report is invalid if altered,
5. 对检测报告若有异议，应于收到报告之日起十五天内向检测单位提出。
Objections to the test report must be submitted to CVC within 15 days.
6. 本报告仅对送检样品负责。
The test report is valid for the tested samples only.
7. 判定栏中“-”表示“不需要判定”，“P”表示“通过”，“F”表示“不通过”，“N/A”表示“不适用”。
As for the Verdict, “-” means “no need for judgement”, “P” means “pass”, “F” means “fail” and “N/A” means “not applicable”.

****报告中未加 CMA 标志时，检测数据和结果仅供科研、教学或内部质量控制之用。****
The test data and test results given in this test report should only be used for purposes of scientific research, teaching and internal quality control when the CMA symbol is not presented.

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广东省广州市黄埔区光谱东路 179 号百事高智慧园 D 栋（测试地点）

Lab Address: No.3, Tiantai 1st Road, Kaitai Avenue, Science City, Guangzhou, Guangdong, China.

Testing Location: Building D, BASIGO INTELLIGENT, No.179, Guangpu East Road, Huangpu District, Guangzhou, P. R. China.

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