



中认英泰检测技术有限公司
CQC Intime Testing Technology Co., Ltd.

UN38.3 试验概要

LITHIUM CELLS OR BATTERIES TEST SUMMARY IN ACCORDANCE WITH SUB-SECTION 38.3 OF UN MANUAL OF TESTS AND CRITERIA

NO. CQCIT2306J0473

样品描述(Sample Description):

电池名称(Cell/battery Name):

储能电池系统

Lithium Battery Energy Storage System

质量(Mass): 30T

规格参数(Specification Parameter):

■锂离子电池/电芯 704V 2069.76kWh

□锂金属电池/电芯 ___ V ___ Ah ___ g

物理形状(Physical Description):

长方体 Cuboid

型号(Model Numbers):

PowerCube-20HQ

委托单位(Applicant):

上海派能能源科技股份有限公司

Pylon Technologies Co., Ltd.

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样品生产厂商(Sample Manufacturer):

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UN38.3 测试实验室(UN38.3 Test Lab):

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样品测试信息(Sample Test Information):

试验报告编号(Test Report Number):

20231006J31486XG1

试验报告签发日期(Date of Test Report):

2023-10-23

所用《试验和标准手册》版本(Edition of UN Manual of Tests and Criteria Used):

《关于危险货物运输的建议书 试验和标准手册》第七版修订 1 第 38.3 节

Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, ST/SG/AC.10/11/Rev.7/Amend.1/Section 38.3

所进行的试验及其结果(即: 通过/未通过)一览表(List of Tests Conducted and Results(Pass/Fail)):

T1	高度模拟(Altitude simulation)	Not Applicable
T2	温度试验(Thermal test)	Not Applicable
T3	振动(Vibration)	Not Applicable
T4	冲击(Shock)	Not Applicable
T5	外部短路(External short circuit)	Not Applicable
T6	撞击/挤压(Impact/Crush)	Not Applicable
T7	过度充电(Overcharge)	Not Applicable
T8	强制放电(Forced discharge)	Not Applicable

是否符合集成锂电池的测试要求 (Assembled Lithium Battery Test Requirement):

☐38.3.3(f) ☐38.3.3(g) ☒不适用 N/A

该储能电池系统内部包含十二个通过 UN 测试的电池簇 (型号: PowerCube-M5A-180-64/704V-E15) 组成, 详见报告 20231006J30870; 电池簇 (型号: PowerCube-M5A-180-64/704V-E15) 内部由 11 个 (HM5A180F) 串联组成, 详见报告 20230406J08996;

The Lithium Battery Energy Storage System contains twelve battery cluster (model: PowerCube-M5A-180-64/704V-E15), that have passed the tests of UN38.3, see the report 20231006J30870; The battery cluster contains (model: PowerCube-M5A-180-64/704V-E15) eleven battery modules (HM5A180F) in series, see the report 20230406J08996;

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技术负责人 (Technical Leader)

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