

检测报告

TEST REPORT

样品名称: 叠层母排
Sample Name: Laminated busbar

委托单位: 杭州爵豪科技有限公司
Applicant: Hangzhou Juehao Technology Co., Ltd.

地址: 浙江省杭州市余杭区
Address: Yuhang District, Hangzhou City, Zhejiang Province

苏州联正测试技术服务有限公司
SuZhou Unifaith Testing Technical Service CO., LTD

2019-04-03

检测报告

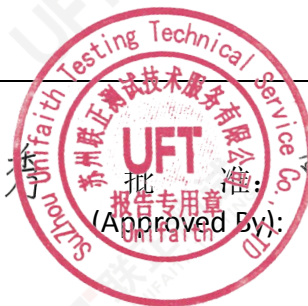
TEST REPORT

样品名称 (Sample Name)		叠层母排 Laminated busbar		样品材质 (Material)	铜 Copper
				检测类别 (Test Classification)	委托检验 Commissioned inspection
委托单位 (Client)	名称 (Name)	杭州爵豪科技有限公司 Hangzhou Juehao Technology Co., Ltd.		生产厂家 (Manufacturer)	/
	地址 (Add)	浙江省杭州市余杭区 Yuhang District, Hangzhou City, Zhejiang Province			
样品型号 (Sample Model)		/		样品数量 (Sample Quantity)	1 Pcs
收样日期 (Rec. Date)		2019. 03. 08		完成日期 (Due. Date)	2019. 04. 03
样品描述 (Sample Description)		样品外观完好 The sample looks good			
试验设备 (Equipment)		有关详细信息, 请参阅测试结果表 For more information, see the test results table			
检测结论 (Test Result)		试验结果符合要求 The test result meets the requirement			
偏离试验方法的说明 (Deviation Test Method)		/			
备注 (Note)					

编制: 
(Prepared By):

审核: 马记秀
(Reviewed By):

批准: 
(Approved By):



*****待续*****
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检测报告

TEST REPORT

测试结果汇总表 Test result summary table					
序号 No	样品编号 Sample No	检测项目 Test items	检测依据 Test basis	检测结果 Test results	评判 Judge
1	LZTC-201903-011 4#	热循环试验 Thermal cycle test	GB/T 2423.22-2012	详见第 5 页 See page 5	P
备注 Remarks					

“P”表示“试验结果符合要求”，“F”表示“试验结果不符合要求”，

"P" means "the test result meets the requirement", "F" means "the test result does not meet the requirement"

“N”表示“要求不适用于该产品”，“—”表示“试验结果不做评价”。

"N" means "the requirement does not apply to the product", "-" means "test results are not evaluated."

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1. 测试项目: 热循环试验

Test items: Thermal cycle test

(1) 测试设备:

Test Equipment:

序号 No.	名称 Name	型号 Model	编号 Number	校准有效期 Calibration validity period
1	快速温度变化湿热试验箱 Rapid temperature change damp heat test chamber	TU410-5	LZ/S007	2019/04/02
2	数显耐压测试仪 Digital display withstand voltage tester	RK2671CM	LZ/S043	2019/04/20
3	脉冲发生器 Pulse generator	JZF-10	LZ/X107	2019/06/11
4	示波器 Oscilloscope	DP04104	LZ/X108	2019/03/22
5	LCR 测试仪 LCR tester	4263B	LZ/X109	2019/05/11

(2) 实验室环境条件: 温度: 23.2℃, 湿度: 51%(RH)

Laboratory environmental conditions: Temperature: 23.2℃, humidity: 51% (RH)

(3) 参考标准: GB/T 2423.22-2012 环境试验第 2 部分: 试验方法 试验 N: 温度变化

Reference standard: GB/T 2423.22-2012 Environmental testing - Part 2: Test methods
Test N: Temperature change

(4) 技术条件: 在低温温度为-40℃放置 2h, 高温温度为 105℃放置 2h, 温度循环 100 个循环。

Temperature conditions: It was placed at -40℃ for 2 h, at 105℃ for 2 h, the above was 1 cycle, and the number of cycles was 100 cycles.

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(5) 检测要求:

外观要求: 试验后, 样品不能有明显划痕、磕碰、污渍、毛刺、氧化现象, 母排应光滑平整、无残渣、气孔, 边缘整齐、无毛刺、无缝隙;
 耐压试验要求: AC2500V (50Hz), 漏电流值为 10mA, 在规定耐压值及漏电流下试验 1min, 无闪络、无击穿、无起弧现象;
 局部放电要求: 局部放电起始电压大于 1200V 的情况下, 测量电荷在 10PC 以下。

Testing requirements:

Appearance requirements: After the test, the sample should not have obvious scratches, bumps, stains, burrs, oxidation, the busbar should be smooth and flat, no residue, pores, neat edges, no burrs, no gaps;

Withstand voltage test requirements: AC2500V (50Hz), leakage current value is 10mA, test for 1min under the specified withstand voltage value and leakage current, no flashover, no breakdown, no arcing phenomenon;

Partial discharge requirements: When the partial discharge starting voltage is greater than 1200V, the measured charge is below 10PC.

(6) 检测结果: 如下

Test results: as follows

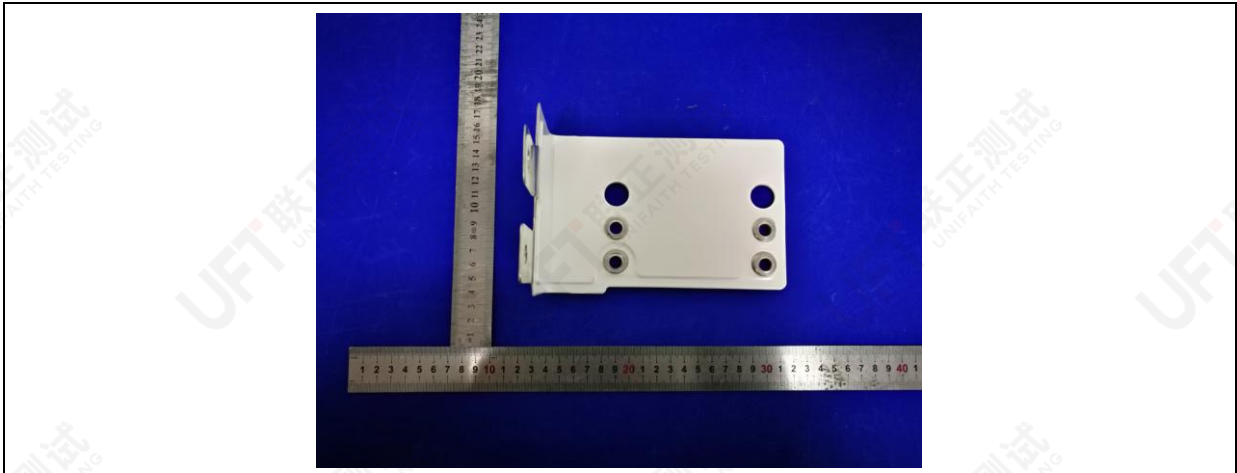
样品编号 Sample No.	实验结果 Experimental results	评判 judge
LZTC-201903-011 4#	试验后, 样品无明显划痕、磕碰、污渍、毛刺、氧化现象, 母排应光滑平整、无残渣、气孔, 边缘外整齐、无毛刺、无缝隙; 耐压试验符合要求; 局部放电符合要求。 After the test, the sample has no obvious scratches, bumps, stains, burrs, oxidation, the busbar should be smooth and flat, no residue, pores, neat edges, no burrs, no gap; pressure test meets the requirements; partial discharge meets the requirements.	P
备注 Remarks		

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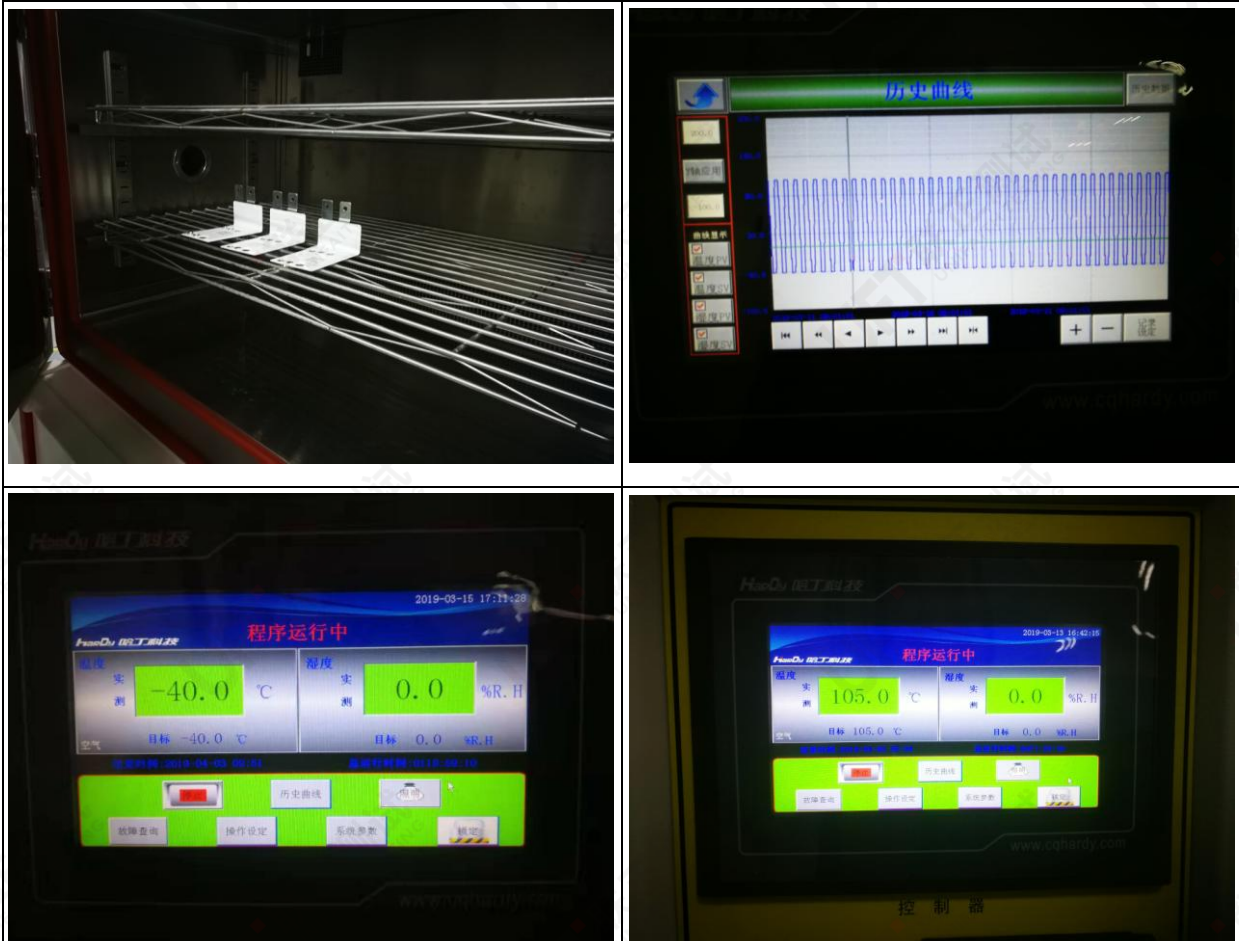
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(7) 测试图片:

Test picture:



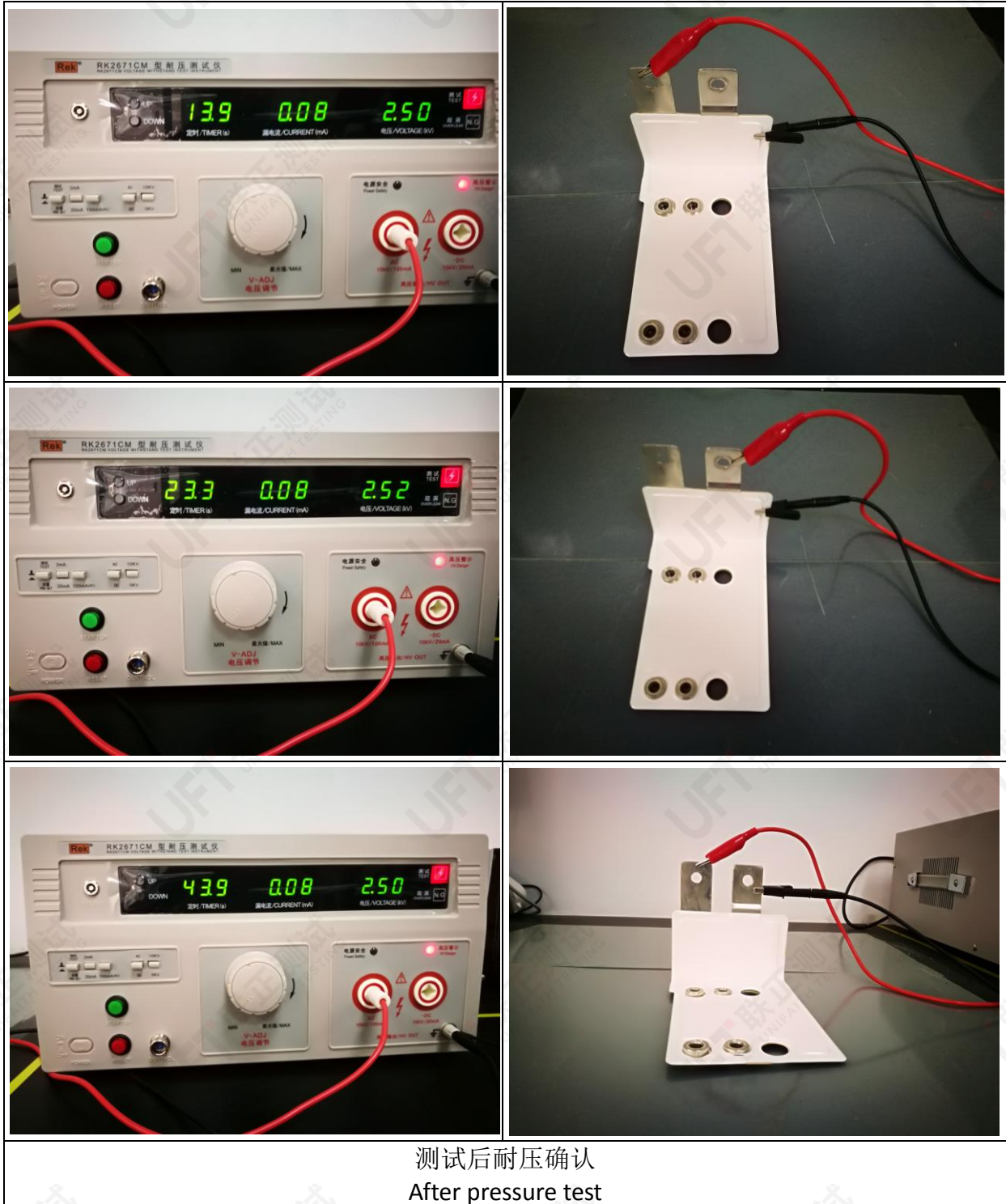
测试前
Before testing



测试中
Testing

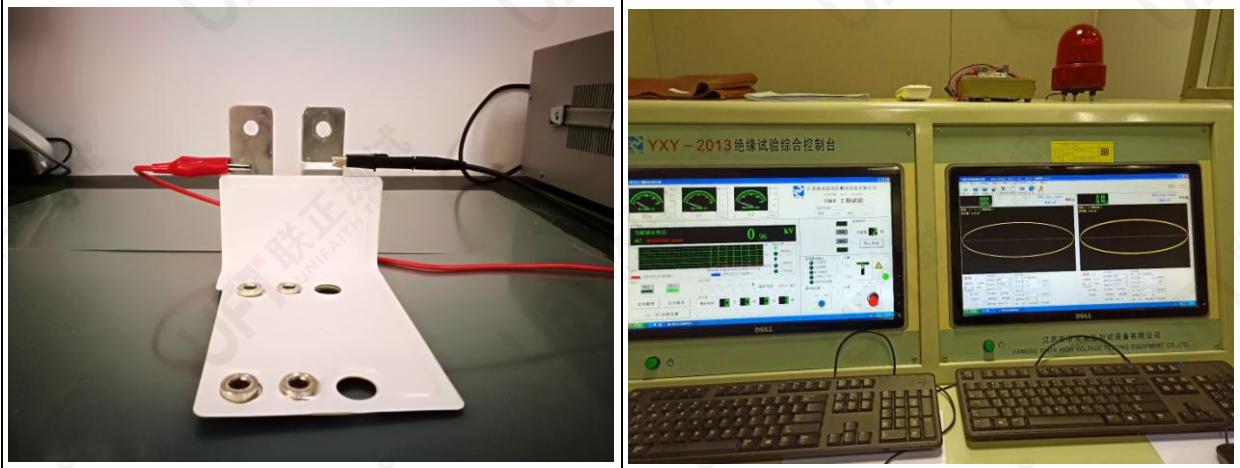
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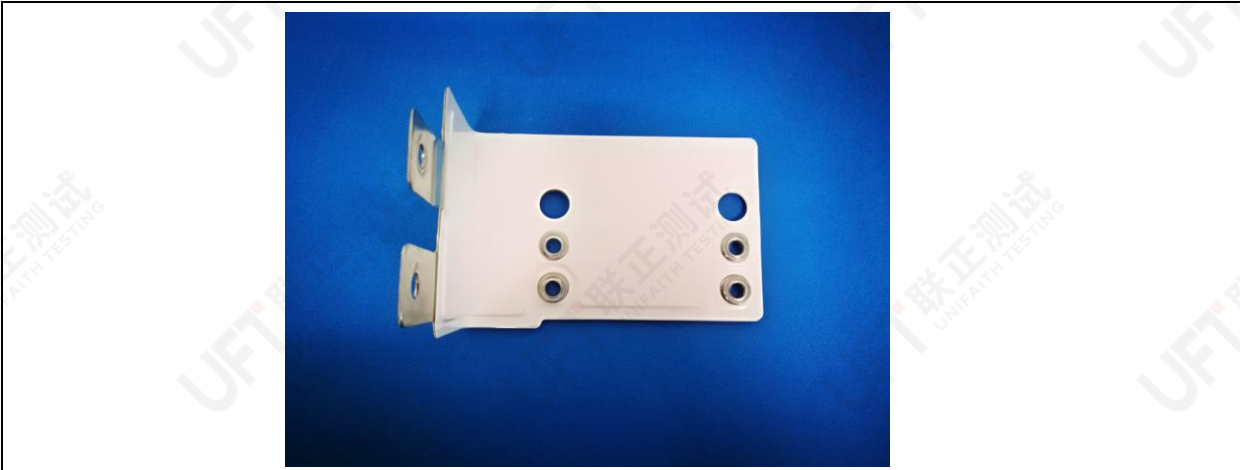


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测试后局部放电确认
Partial discharge confirmation after test



测试后
After testing

*****报告结束*****
***** End *****

注 意 事 项

Notice Items

1. 报告无本公司盖章无效, 电子版本报告仅供参考;

The test report is invalid without the official stamp of UFT; the electronic version of the report for your reference;

2. 未经本公司书面同意, 不得部分地复制本报告;

Any photocopies or part photocopies of the test report are forbidden without the written permission from UFT;

3. 报告无编制、审核、批准人签名无效;

The test report is invalid without the preparation of Approval and Reviewer;

4. 涂改、自行增删无效;

Alter, add or delete itself is invalid;

5. 对检验报告若有异议, 请于收到报告之日起十五天内向检验单位提出;

Objections to the test report must be submitted to UFT within 15 days;

6. 委托检验结果仅对所检验样品有效。

Commission test is responsible for the tested samples only.