

检测报告 Test Report



报告编号 A2200142161101001E

第 1 页 共 7 页

Report No. A2200142161101001E

Page 1 of 7

申请单位 浙江艾罗网络能源技术有限公司

Applicant SOLAX POWER NETWORK TECHNOLOGY (ZHEJIANG) CO., LTD.

地 址 浙江省桐庐县经济开发区石珠路 288 号

Address NO.288,SHIZHU ROAD, TONGLU ECONOMIC DEVELOPMENT ZONE 311500,
TONGLU CITY, ZHEJIANG PROVINCE, PEOPLE'S REPUBLIC OF CHINA

以下测试之样品及样品信息由申请者提供并确认

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

| | |
|------------------------|---------------------------------|
| 样品名称 | 单相储能并网光伏逆变器 |
| Sample Name | Converter Grid-Connect Inverter |
| 型号 | J1-Hybrid 3kW |
| Type | / |
| 样品接收状态 | 正常 |
| Sample Receiving State | Normal |
| 样品接收日期 | 2020.05.19 |
| Sample Received Date | May 19, 2020 |
| 样品检测日期 | 2020.05.19-2020.05.27 |
| Testing Period | May 19, 2020-May 27, 2020 |

批 准
Approved by 朱海朋

日 期
Date 2020.06.01
Jun 1, 2020



No. R2BDC5FFEC
杭州市滨江区楚天路 266 号中晟工业园 5
号楼 1 楼
Ground Floor, Building 5, No.266, Chutian
Road, Zhongsheng Industrial Park, Binjiang
District, Hangzhou City, Zhejiang Province.

检测报告

Test Report

报告编号 A2200142161101001E

第 2 页 共 7 页

Report No. A2200142161101001E

Page 2 of 7

测试样品

Tested Sample(s)

| 样品编号 Sample No. | 样品名称 Sample Name | 样品型号 Type | 样品数量 Quantity |
|--------------------|---|---------------|------------------|
| A2200142161101001 | 单相储能并网光伏逆变器 Converter Grid-Connect Inverter | J1-Hybrid 3kW | 1pc |

检测要求

Test Requested

| 序号 No. | 测试项目 Test Item |
|-----------|-------------------|
| 1 | IPX5 |
| 2 | IP6X |

检测结果：请参见后续页面。

Test Result(s): Please see the following pages.

样品图片

Sample Photo(s)



A2200142161101001

检测报告

Test Report

报告编号 A2200142161101001E

第 3 页 共 7 页

Report No. A2200142161101001E

Page 3 of 7

测试项目 1: IPX5

Test Item1: IPX5

1. 测试设备 Test Equipment

| 设备名称 Equipment Name | 型号 Model |
|---|-------------|
| 防水等级试验机 Waterproof Grade Testing Machine | KXT1318 |

2. 环境条件 Environmental Conditions

温度: 24.5°C; 湿度: 50%RH

Temperature: 24.5°C; Humidity: 50%RH

3. 测试标准 Test Standard: IEC 60529:2013

4. 测试条件 Test Condition

水流量: 12.5L/min

喷头与样品间距离: 2.5~3m

喷头内径: 6.3mm

转盘转速: 1rpm

测试时间: 3min

Water flow rate: 12.5L/min

Distance from sample surface to nozzle: 2.5m

Diameter of the nozzle: 6.3mm

The rotation speed of the turntable: 1rpm

Test duration: 3min

5. 测试结果 Test Result(s)

| 样品编号 Sample No. | 测试结果 Test Result(s) |
|--------------------|---|
| A2200142161101001 | 测试后, 目视检查样品内部无进水, IPX5 通过。 After the test, there was no water entered into sample by visual inspect, the sample was pass the IPX5 test. |

检测报告 Test Report

报告编号 A2200142161101001E

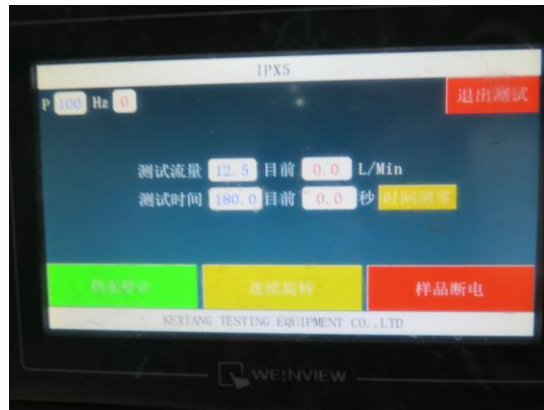
第 4 页 共 7 页

Report No. A2200142161101001E

Page 4 of 7

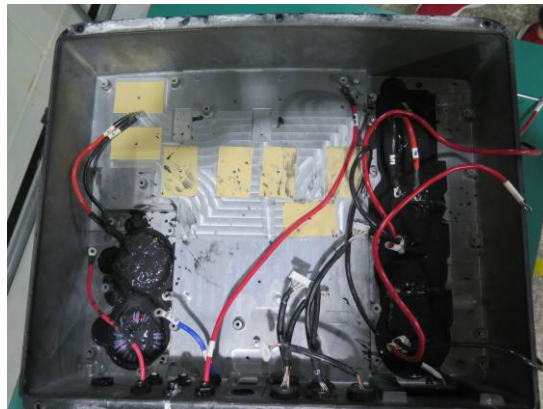
测试图片

Test Photo(s)



测试后样品图片

Sample Photo(s) after the test



检测报告

Test Report

报告编号 A2200142161101001E

第 5 页 共 7 页

Report No. A2200142161101001E

Page 5 of 7

测试项目 2: IP6X

Test Item2: IP6X

1. 测试设备 Test Equipment

| 设备名称 Equipment Name | 型号 Model |
|------------------------------|-------------|
| 防尘等级试验机 Dust Test Chamber | KXT1400 |

2. 环境条件 Environmental Conditions

温度: 24.5°C; 湿度: 50%RH

Temperature: 24.5°C; Humidity: 50%RH

3. 测试标准 Test Standard: IEC 60529:2013

4. 测试条件 Test Condition

用直径为 1mm 的测试探针, 施加 1N 的力探刺样品缝隙部分;

把样品处于加负压状态 (每小时 40~60 倍外壳容积; 壳内压力与大气压压差: $\leq 2\text{kPa}$)

后置于含 2kg/m^3 滑石粉的沙尘试验箱中。

测试时间: 2 小时。

The test probe of 1mm diameter is pushed against any opening of the sample with force of 1 N;

Set the sample in the dust chamber, the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump (40~60 times of the shell volume per hour; the differential pressure between the containment and the atmosphere: $\leq 2\text{ kPa}$) The talcum powder to be used is 2 kg/m^3 of the test chamber volume;

Test duration: 2 hours.

检测报告

Test Report

报告编号 A2200142161101001E

第 6 页 共 7 页

Report No. A2200142161101001E

Page 6 of 7

5. 测试结果 Test Result(s)

| 样品编号 Sample No. | 测试结果 Test Result(s) |
|--------------------|--|
| A2200142161101001 | 测试后样品内部未见明显的灰尘沉积，直径 1mm 探针无法进入样品内部金属带电部位，IP6X 测试通过。 No obvious dust was observed in the sample by visual inspection after test. Test probe can't enter the sample. The sample passed the IP6X test. |

测试图片

Test Photo(s)



检测报告 Test Report

报告编号 A2200142161101001E

第 7 页 共 7 页

Report No. A2200142161101001E

Page 7 of 7

测试后样品图片

Sample Photo(s) after the test



备注：本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。

Remark: The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

*** 报告结束 ***

*** End of Report ***

声明：

Statement:

1.检测报告无批准人签字、“专用章”及报告骑缝章无效；

This report is considered invalid without approved signature, special seal and the seal on the perforation;

2.样品及样品信息由申请者提供，申请者应对其真实性负责，CTI 未核实其真实性；

The sample(s) and sample information was/were provided by the client who should be responsible for the authenticity which CTI hasn't verified;

3.本报告检测结果仅对受测样品负责；

The result(s) shown in this report refer(s) only to the sample(s) tested;

4.未经 CTI 书面同意，不得部分复制本报告。

Without written approval of CTI, this report can't be reproduced except in full;

5.如检测报告中的英文内容与中文内容有差异，以中文为准。

In case of any discrepancy between the English version and Chinese version of the testing reports(if generated), the Chinese version shall prevail.