

检测报告 Test Report



报告编号 A2200142161101002E

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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.

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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 6kW
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



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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
A2200142161101002	单相储能并网光伏逆变器 Converter Grid-Connect Inverter	J1-Hybrid 6kW	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)



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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)
A2200142161101002	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.

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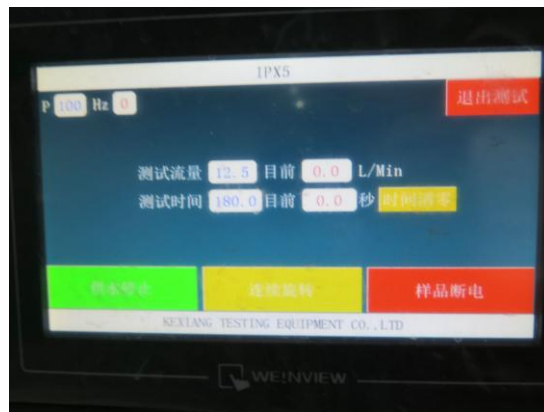
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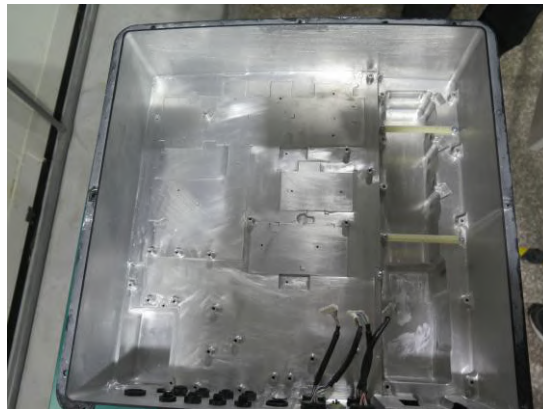
测试图片

Test Photo(s)



测试后样品图片

Sample Photo(s) after the test



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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.

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5. 测试结果 Test Result(s)

样品编号 Sample No.	测试结果 Test Result(s)
A2200142161101002	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)



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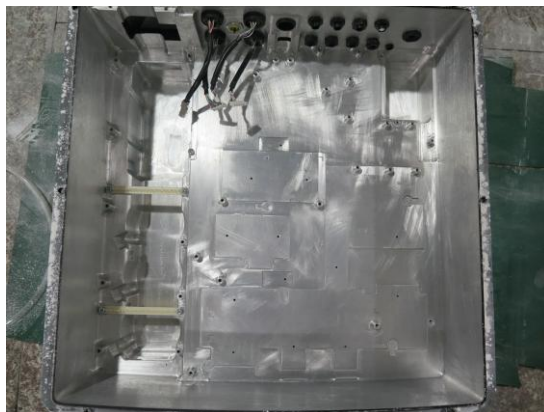
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测试后样品图片

Sample Photo(s) after the test



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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:

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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；

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