

# 检测报告 Test Report



报告编号 A2200359994101E

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报告抬头公司名称 浙江艾罗网络能源技术有限公司

Company Name  
Shown on Report SOLAX POWER NETWORK TECHNOLOGY (ZHE JIANG) CO., LTD.

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TONGLU CITY, ZHEJIANG PROVINCE 310000. P. R. 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	单相四代储能逆变器
Sample Name	Converter Grid-Connect Inverter
型号	X1-HYBRID G4
Type	X1-HYBRID G4
样品接收状态	正常
Sample Receiving State	Normal
样品接收日期	2020.10.15
Sample Received Date	Oct. 15, 2020
样品检测日期	2020.10.15-2020.10.20
Testing Period	Oct. 15, 2020-Oct. 20, 2020

批 准  
Approved by 朱海朋

日 期  
Date 2020.10.20  
Oct. 20, 2020

朱海朋  
授权签字人  
Approved Signatory

杭州华测检测技术有限公司  
Centre Testing International  
(Hangzhou) Co., Ltd.

检验检测专用章

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### 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.

### 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
A2200359994101001	单相四代储能逆变器 Converter Grid-Connect Inverter	X1-HYBRID G4	1pc

### 样品图片

#### Sample Photo(s)



A2200359994101001

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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: (15~35) °C; 湿度: (25~75) %RH

Temperature: (15~35) °C; Humidity: (25~75)%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

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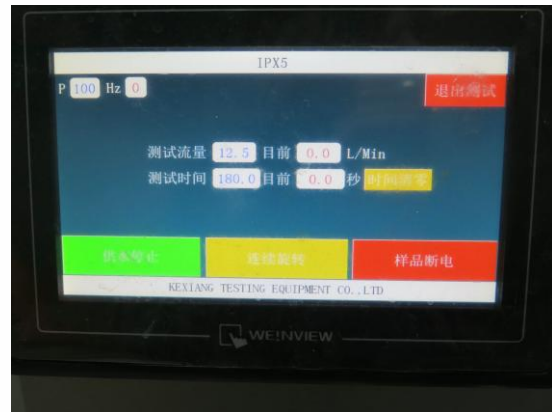
### 5. 测试结果

#### Test Result(s)

样品编号 Sample No.	测试结果 Test Result(s)
A2200359994101001	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 passed the IPX5 test.

### 测试图片

#### Test Photo(s)



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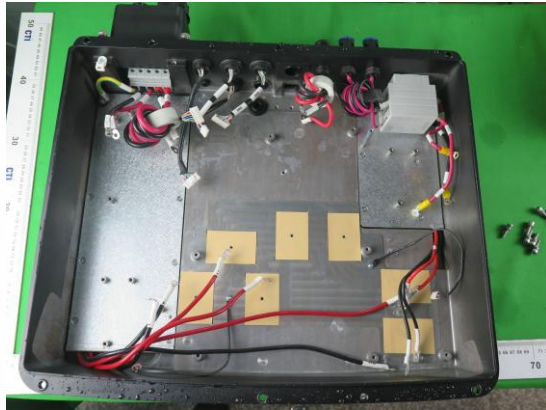
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测试后样品图片

Sample Photo(s) after the test



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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: (15~35) °C; 湿度: (25~75) %RH

Temperature: (15~35) °C; Humidity: (25~75)%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 (抽气速率每小时 40~60 倍外壳容积; 壳内压力与大气压压差:  $\leq 2\text{kPa}$ )。

样品置于含  $2\text{kg}/\text{m}^3$  滑石粉的沙尘试验箱中

连续测试 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  $2\text{ kg}/\text{m}^3$  of the test chamber volume;

Test duration: 2 hours.

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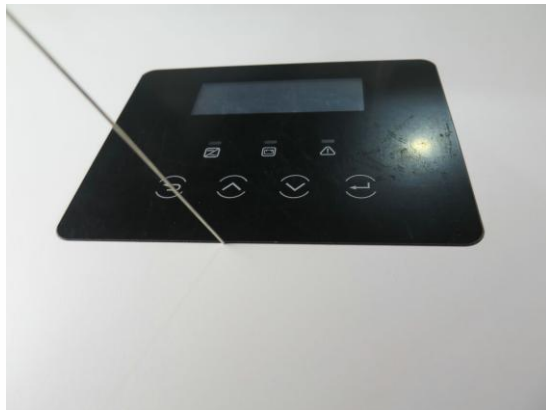
### 5. 测试结果

#### Test Result(s)

样品编号 Sample No.	测试结果 Test Result(s)
A2200359994101001	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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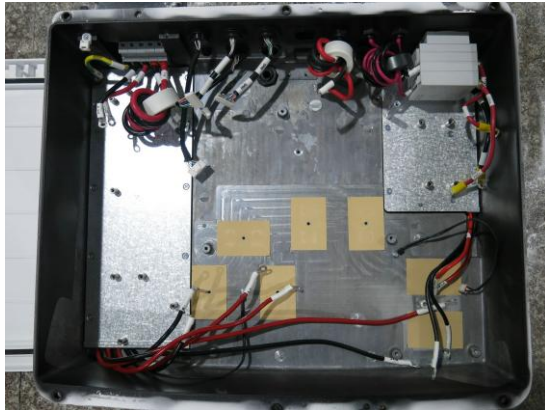
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## 测试后样品图片

### Sample Photo(s) after the test



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.报告抬头公司名称及地址、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；

Company Name and Address shown on Report, the sample(s) and sample Information was/were provided by the applicant 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;

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