

## Test Report



Report No. A2230120683101

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

Address NO.288,SHIZHU ROAD, TONGLU ECONOMIC DEVELOPMENT ZONE,  
TONGLU CITY, ZHEJIANG PROVINCE, 310000 P. R. CHINA

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

Sample Name Lithium ion Rechargeable Battery Module

Remark T-BAT-SYS-HV-S2.5: T-BAT HS5.0、T-BAT HS7.5、T-BAT HS10.0、  
T-BAT HS12.5 、T-BAT HS15.0、T-BAT HS17.5、T-BAT HS20.0、  
T-BAT HS22.5、T-BAT HS25.0、T-BAT HS27.5、T-BAT HS30.0、  
T-BAT HS32.5、T-BAT-SYS-HV-S3.6:T-BAT HS7.2、T-BAT HS10.8、  
T-BAT HS14.4、T-BAT HS18.0、T-BAT HS21.6、T-BAT HS25.2、  
T-BAT HS28.8、T-BAT HS32.4、T-BAT HS36.0、T-BAT HS39.6、  
T-BAT HS43.2、T-BAT HS46.8

Customer declaration: samples of the above listed models/lots are the same in material, workmanship, manufacturer, etc., and are made of the same material.

CTI is requested to provide relevant information on the sample test.

Sample Receiving State Normal

Sample Received Date Mar. 21, 2023

Testing Period Mar. 21, 2023-Mar. 23, 2023

Approved by

*Michael*

Date

Mar. 23, 2023

Michael. Hong  
Approved Signatory

Centre Testing International (Hangzhou) Co.,  
Ltd.



No. RC3EB7C7CC  
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**Test Requested**

No.	Test Item
1	IPX5
2	IP6X

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

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**Tested Sample(s)**

Sample No.	Sample Name	Type	Quantity
A2230120683101001	Lithium ion Rechargeable Battery Module	T-BAT-SYSHV-S2.5	1pc
A2230120683101002	Lithium ion Rechargeable Battery Module	T-BAT-SYS-HV3.6	1pc

**Sample Photo(s)**

A2230120683101001



A2230120683101002

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**Test Item1: IPX5****1. Test Equipment**

Equipment Name	Model
Waterproof Grade Testing Machine	KXT1318

**2. Environmental Conditions**

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

**3. Test Standard: IEC 60529:2013****4. Test Condition**

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. Test Result(s)**

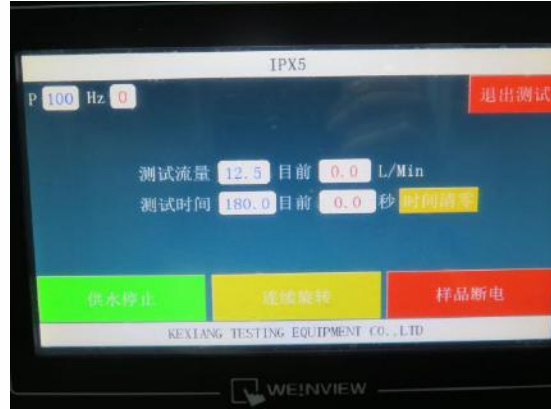
Sample No.	Test Result(s)
A2230120683101001	After the test, there was no water entered into sample by visual inspect, the sample passed the IPX5 test.
A2230120683101002	After the test, there was no water entered into sample by visual inspect, the sample passed the IPX5 test.

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### Test Photo(s)

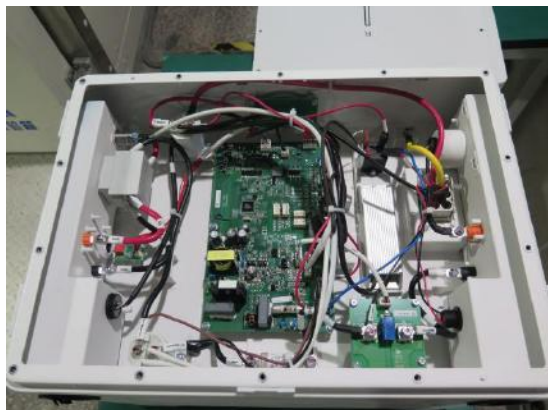


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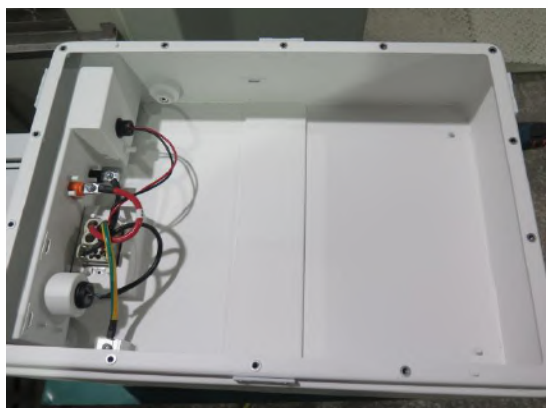
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## Sample Photo(s) after the test



A2230120683101001



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**Test Item2: IP6X****1. Test Equipment**

Equipment Name	Model
Dust Test Chamber	KXT1400

**2. Environmental Conditions**

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

**3. Test Standard: IEC 60529:2013****4. Test Condition**

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<sup>3</sup> of the test chamber volume;

Test duration: 8 hours.

**5. Test Result(s)**

Sample No.	Test Result(s)
A2230120683101001	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.
A2230120683101002	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.

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## Test Photo(s)





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## Sample Photo(s) after the test



A2230120683101001



A2230120683101002

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

### Statement:

- 1.This report is considered invalid without approved signature, special seal and the seal on the perforation;
- 2.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.The result(s) shown in this report refer(s) only to the sample(s) tested;
- 4.Without written approval of CTI, this report can't be reproduced except in full;
- 5.In case of any discrepancy between the English version and Chinese version of the testing reports(if generated), the Chinese version shall prevail.

\*\*\* End of Report \*\*\*