



**Summary of Results**

No	Test Item	Reference Standard	Result	Sample number
1	IP6X	IEC 60529:1989+A1:1999+A2:2013 degrees of protection provided by enclosures (IP Code) & Customer's requirement	See result	1#
2	IPX7	IEC 60529:1989+A1:1999+A2:2013 degrees of protection provided by enclosures (IP Code)	See result	1#

Note: Pass: Meet the requirements;

Fail: Does not meet the requirements;

/: Not apply to the judgment.

# 1. Test Item: IP6X

**Environmental requirement:**

Ambient Temperature: 15~35 °C; Relative Humidity: 45~75% RH; Atmos: 101 kPa.

**Reference standard:**

IEC 60529:1989+A1:1999+A2:2013 degrees of protection provided by enclosures (IP Code) & Customer's requirement

**Test condition:**

Test Dust	Talcum powder
Maximum depression	2 kPa
Dust Concentration	2 kg/m <sup>3</sup> chamber volume and be kept in suspension during the test
Extraction rate	Extraction rate < 40 volumes
Test Duration	8 hours

**Note:**

According to customer's requirement no exhausting air.

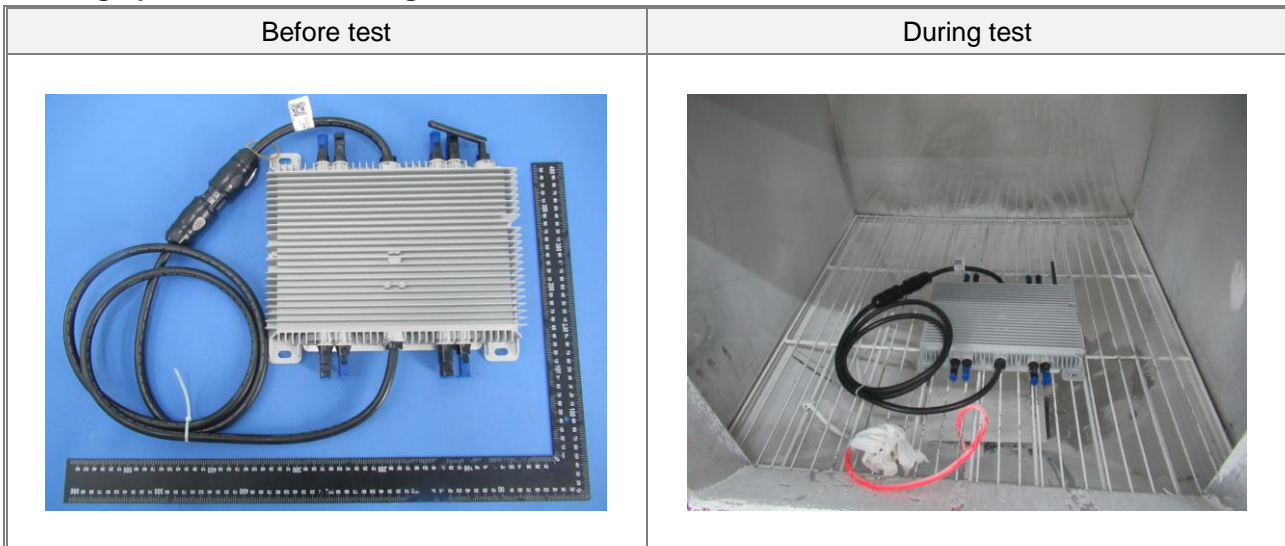
**Test acceptance requirements:**

After the test, no obvious dust enters the sample.

**Test result:**

Sample Number	Test Result
1#	No dust inside

**Photographs of the Test Configuration**



## 2. Test Item: IPX7

**Environmental requirement:**

Ambient Temperature: 15~35 °C; Relative Humidity: 45~75% RH; Atmos: 101 kPa.

**Reference standard:**

IEC 60529:1989+A1:1999+A2:2013 degrees of protection provided by enclosures (IP Code)

**Test condition:**

Simulated water depth	1 m
Test duration	30 min

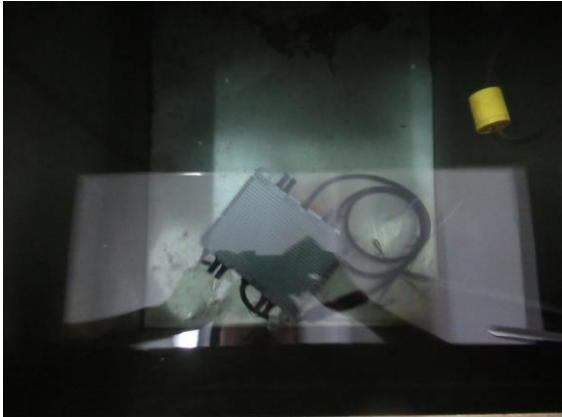

**Test acceptance requirements:**

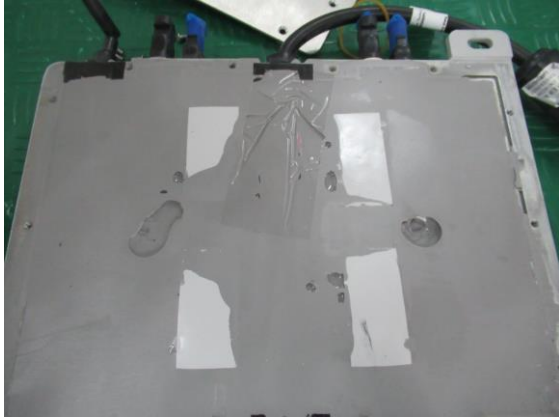
After the test, no water enters the sample.

**Test result:**

Sample Number	Test Result
1#	No water enters the sample

**Photographs of the Test Configuration**

During test	After test
	

After Test (Glue seal inside)	/
	/

**Testing Instrument and Equipment**

Equipment	Model	Equipment No.	Calibration Date	Next Calibration Date
Dust box	JYSD-500	SHES806101	2021-01-04	2022-01-03
Water proof test equipment(IPX1-8)	/	SHES806401	2021-03-27	2022-03-26

-----End of Report-----