



TEST REPORT

Report No : THSH18030613385-1-EN Date: March 06, 2018

Applicant : Linkwell Electric (Shanghai) Co., Ltd.
Building 7, No.659, Yinxing Road, Putuo, Shanghai, China.

Sample Description : FAN AND FILTER

Model No. : LK33 series

Date Received : March 05, 2018

Test Period : March 05, 2018 to March 06, 2018

Test Requested : IP 54 test

Test Method : As specified in IEC 60529:1989+A1:1999+A2:2013

Test Result : Pass



For and on behalf of
Shanghai Global Testing Services Co., Ltd

Authorized Signature: _____

Shi Lei/Kevin
General Manger -GTS/SHO

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Sample photo(s)



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TEST RESULT

No.	Test Item	Test Method	Result
1	IP5X	IEC 60529:1989+A1:1999+A2:2013	PASS
2	IPX4	IEC 60529:1989+A1:1999+A2:2013	PASS

1. Test Item: IP5X Dust proof

Test Method: IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP 5X)

Test Setup:

Equipmnet	Manufacturer	Model No.	Serial No.	Due date
Dust-proof chamber	Nanjing environment and technology test equipment Co.,Ltd	SC-010	201412181	2018.04.10

Environment: 25°C, 60%RH, 101kPa

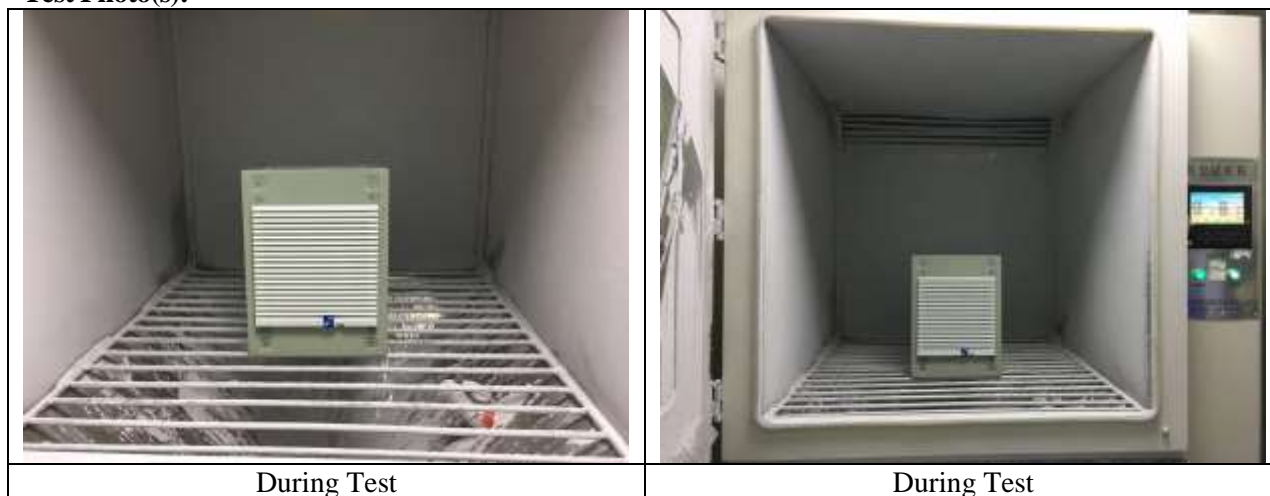
Test Conditions: 1) The amount of talcum powder to be used is 2kg per cubic metre of the test chamber volume;
2) Test period: 8 hours.

Test Requirement: The protection is satisfactory if, on inspection, talcum powder has not accumulated in a quantity or location such that, as with any other kind of dust, it could interfere with the correct operation of the equipment or impair safety.

Test Result:

Sample Name	Test Results
FAN AND FILTER	No dust observed inside the test sample

Test Photo(s):



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2. Test Item: IPX4 Water proof

Test Method: IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP X4)

Test Setup:

Equipmnet	Manufacturer	Model No.	Serial No.	Due date
Open type of water test equipment	Nanjing environment and technology test equipment Co.,Ltd	IPX1-8	201412182	2018.04.07

Environment: 25°C, 62%RH, 101kPa

Test Conditions:

- 1) Tested by oscillating tube, oscillate angle 360° ;
- 2) Test time: 10min;
- 3) Open holes: 75, total water flow: 5.3L/min.

Test requirement: Generally not allow enter water; if any water has entered, it shall not be sufficient to interfere with the correct operation of the equipment or impair safety.

Test Result:

Sample Name	Test Results
FAN AND FILTER	No water entered the cavity of sample after this test

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Test Photo(s):



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