

TEST REPORT

Test Report No. : DK2512100011A

Customer : STANDEXMEDER ELECTRONICS(SHANGHAI) CO.LTD
Customer's address : Building No.2, No.2960 Shengang Rd Songjiang District, Shanghai 201612 China
Product : KS01-1A66-100W
KS01-2A66-100W
KS01-1A88-100W
Model : 2411661014
2412661014
2412881014
Quantities : 15 pcs (5 pcs per model)
Sample receive date : 2025/12/12
Test Period : 2025/12/12~2025/12/13
Test Method : Refer to test condition
Result : Pass
Update : /



Signed for and on behalf of
DEKRA iST Reliability Services Limited

Yi Xiao

Approver

Bo. Xu

Reviewer

Ren Tang

Engineer

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TEST RESULT

No.	Test Item	DEKRA Sample No.	Sample Name	Test Date	Test Result
1	IP6X	DK2512100011A-1~5	KS01-1A66-100W	2025/12/12 ~	Pass
		DK2512100011A-6~10	KS01-2A66-100W		Pass
		DK2512100011A-11~15	KS01-1A88-100W	2025/12/13	Pass
2	IPX7	DK2512100011A-1~5	KS01-1A66-100W	2025/12/13	Pass
		DK2512100011A-6~10	KS01-2A66-100W		Pass
		DK2512100011A-11~15	KS01-1A88-100W		Pass

1. IP6X

REFERENCE DOCUMENT AND ADDITIONS TO, DEVIATIONS, OR EXCLUSIONS FROM THE METHODS

The test referred to IEC 60529:2013.

CRITERION FOR RESULT

After test, no dust enters the interior of the sample.

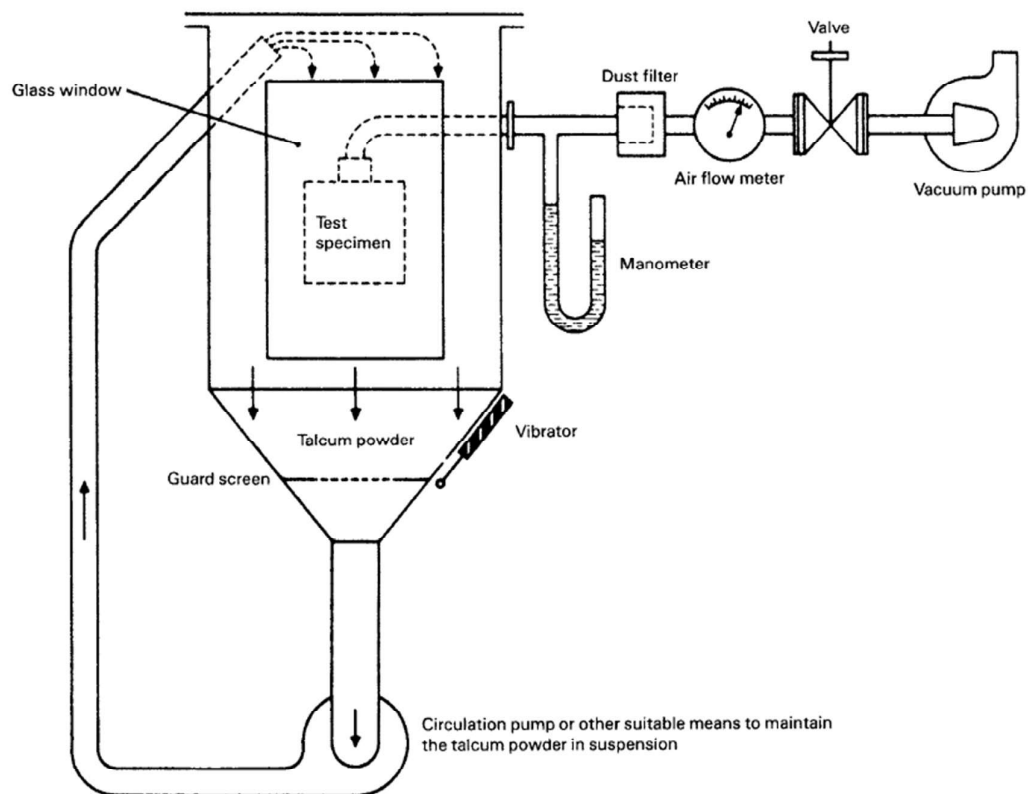
TEST CONDITION

Dust material: Talcum powder

Dust density: Approximately 2kg/m^3

Duration of exposure: 8 hours

Test device:



LABORATORY AMBIENCE CONDITION

Temperature: $18^{\circ}\text{C} \sim 28^{\circ}\text{C}$

Humidity: $25\% \text{RH} \sim 75\% \text{RH}$

DESCRIPTION OF TEST EQUIPMENT

EQUIPMENT	MODEL	NUMBER	EXPIRATION DATE
Dust Test Equipment	VDT 1000A	RA-05	2026/4/24

TEST RESULT

DEKRA Sample No.	Test Result	Conclusion
DK2512100011A-1	No dust ingress.	Pass
DK2512100011A-2	No dust ingress.	Pass
DK2512100011A-3	No dust ingress.	Pass
DK2512100011A-4	No dust ingress.	Pass
DK2512100011A-5	No dust ingress.	Pass
DK2512100011A-6	No dust ingress.	Pass
DK2512100011A-7	No dust ingress.	Pass
DK2512100011A-8	No dust ingress.	Pass
DK2512100011A-9	No dust ingress.	Pass
DK2512100011A-10	No dust ingress.	Pass
DK2512100011A-11	No dust ingress.	Pass
DK2512100011A-12	No dust ingress.	Pass
DK2512100011A-13	No dust ingress.	Pass
DK2512100011A-14	No dust ingress.	Pass
DK2512100011A-15	No dust ingress.	Pass
Criterion for result	After test, no dust enters the interior of the sample.	

2. IPX7

REFERENCE DOCUMENT AND ADDITIONS TO, DEVIATIONS, OR EXCLUSIONS FROM THE METHODS

The test referred to IEC 60529:2013.

CRITERION FOR RESULT

After test, no water enters the interior of the sample.

The appearance of samples should be free of cracks, damage, and other abnormal phenomena.

TEST CONDITION

Second characteristic numeral	Test means	Duration of test
7	Immersion tank Water-level on enclosure:1 m above bottom	30min

LABORATORY AMBIENCE CONDITION

Temperature: 18°C~28°C

Humidity: 25%RH~75%RH

DESCRIPTION OF TEST EQUIPMENT

EQUIPMENT	MODEL	NUMBER	EXPIRATION DATE
Immersion Test Chamber	CH-2010-78	RA-70	2026/9/5

TEST RESULT

DEKRA Sample No.	Test Result	Conclusion
DK2512100011A-1	No water ingress. The appearance is normal.	Pass
DK2512100011A-2	No water ingress. The appearance is normal.	Pass
DK2512100011A-3	No water ingress. The appearance is normal.	Pass
DK2512100011A-4	No water ingress. The appearance is normal.	Pass
DK2512100011A-5	No water ingress. The appearance is normal.	Pass
DK2512100011A-6	No water ingress. The appearance is normal.	Pass
DK2512100011A-7	No water ingress. The appearance is normal.	Pass
DK2512100011A-8	No water ingress. The appearance is normal.	Pass
DK2512100011A-9	No water ingress. The appearance is normal.	Pass
DK2512100011A-10	No water ingress. The appearance is normal.	Pass
DK2512100011A-11	No water ingress. The appearance is normal.	Pass
DK2512100011A-12	No water ingress. The appearance is normal.	Pass
DK2512100011A-13	No water ingress. The appearance is normal.	Pass
DK2512100011A-14	No water ingress. The appearance is normal.	Pass

DK2512100011A-15	No water ingress. The appearance is normal.	Pass
Criterion for result	After test, no water enters the interior of the sample. The appearance of samples should be free of cracks, damage, and other abnormal phenomena.	

Resistance value data is provided by the customer as follows:

Type	SN.	Resistance (mΩ)		Limit	Conclusion
		Before	After		
KS01-1A66-100W	1#	63	60	≤150mΩ	PASS
	2#	69	63	≤150mΩ	PASS
	3#	72	66	≤150mΩ	PASS
	4#	60	63	≤150mΩ	PASS
	5#	66	63	≤150mΩ	PASS
KS01-2A66-100W	6#-BLACK WIRE	57	57	≤150mΩ	PASS
	6#-WHITE WIRE	57	63	≤150mΩ	PASS
	7#-BLACK WIRE	60	60	≤150mΩ	PASS
	7#-WHITE WIRE	63	60	≤150mΩ	PASS
	8#-BLACK WIRE	60	60	≤150mΩ	PASS
	8#-WHITE WIRE	54	57	≤150mΩ	PASS
	9#-BLACK WIRE	60	60	≤150mΩ	PASS
	9#-WHITE WIRE	60	60	≤150mΩ	PASS
	10#-BLACK WIRE	60	57	≤150mΩ	PASS
	10#-WHITE WIRE	60	60	≤150mΩ	PASS
KS01-1A88-100W	11#	36	36	≤150mΩ	PASS
	12#	36	36	≤150mΩ	PASS
	13#	39	36	≤150mΩ	PASS
	14#	39	36	≤150mΩ	PASS
	15#	36	36	≤150mΩ	PASS