TEST REPORT N°: ASIQ-ESH-P20010901B-A2

Supplement "A2" to test report No.: ASIQ-ESH-P20010901B-A1 dated on 2020-05-08

EMC TEST REPORT

To :	Ningbo Landsign Electric Appliance Co.,Ltd.	Fax :	--
Attn :	--	Email :	--
Address :	NO.485,Xingci 5th Rd,Hangzhou Bay New Zone,Cixi,Ningbo,Zhejiang		
Cc :	--	Fax/Email	--
Attn :	--		
This document includes : 5 pages		Test date :	--

FACTORY NAME:	Ningbo Landsign Electric Appliance Co.,Ltd.
ADDRESS :	NO.485,Xingci 5th Rd,Hangzhou Bay New Zone,Cixi,Ningbo,Zhejiang
PRODUCT :	solar garden light XLTD series
TYPE REFERENCE :	Refer to the clause 3.1
RATED VOLTAGE :	Powered by Solar
RATED INPUT POWER :	--
PROTECTION CLASS :	Class III
TESTS REALISED :	Refer to the clause 3.1

STANDARDS USED(DATE) :	EN IEC 55015:2019+A11:2020 EN 61547:2009
CLAUSES EXAMINED :	All Clauses Relevant

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CONCLUSION :	The samples do satisfy the clauses examined .
Test done by, Name : Tony MAO Date : Dec. 06, 2023	Approved by, Name : Daniel SUN Date : Dec. 06, 2023

1 TESTING PROGRAM

The tests have been carried out according to the requirements of the following standards:

Emission standard EN IEC 55015:2019+A11:2020

- Measurement of the continuous conducted emission levels.
- Measurement of the radiated emission levels.

Immunity standard EN 61547:2009

- Immunity to electrostatic discharges - publication IEC 61000-4-2.
- Immunity to fast transients/bursts - publication IEC 61000-4-4.
- Immunity to conducted disturbances induced by radio-frequency fields - publication IEC 61000-4-6.
- Immunity to power frequency magnetic field- publication IEC 61000-4-8.
- Immunity to radiated radio-frequency electromagnetic field with amplitude modulation - publication IEC 61000-4-3.
- Immunity to surges - publication IEC 61000-4-5.
- Immunity to voltage dips -publication IEC 61000-4-11.
- Immunity to voltage interruptions - publication IEC 61000-4-11.

Special Comment: None

2 HISTORY OF FAILURE

None.

3 EQUIPMENT CHARACTERISTICS

3.1 Model list

No	Model	Rated Voltage	Remark
1.	XLTD-300A-1	DC 2V	Based on the same Circuit diagram, Use PCB1
2.	XLTD-300-1	DC 2V	
3.	XLTD-317-1	DC 2V	
4.	XLTD-262-1	DC 2V	
5.	XLTD-263	DC 4V	
6.	XLTD -1808	DC 2V	
7.	XLTD-1514	DC 5.5V	
8.	XLTD-1725	DC 2V	
9.	XLTD-1906	DC 2V	
10.	XLTD-1903	DC 2V	
11.	XLTD-1730	DC 2V	
12.	XLTD-910S	DC 5V	
13.	XLTD-505	DC 2V	
14.	XLTD-722S	DC 2V	
15.	XLTD-723F	DC 2V	
16.	XLTD-734	DC 2V	
17.	XLTD-P6101	DC 2V	
18.	XLTD-770-1	DC 2V	
19.	**XLTD-944**	DC 2V	**Add new model, Based on the same Circuit diagram, Use PCB1**
20.	**XLTD-952**	**DC 2V**	
21.	**XLTD-2308**	**DC 2V**	
22.	**XLTD-1731**	**DC 2V**	
23.	**XLTD-251**	**DC 2V**	
24.	**XLTD-940**	**DC 2V**	
25.	**XLTD-942**	**DC 2V**	
26.	**XLTD-943**	**DC 2V**	
27.	**XLTD-945**	**DC 2V**	
28.	**XLTD-2302**	**DC 2V**	
29.	**XLTD-968**	**DC 2V**	
30.	**XLTD-939**	**DC 2V**	
31.	**XLTD-1505**	**DC 2V**	
32.	**XLTD-938**	**DC 2V**	
33.	**XLTD-962**	**DC 2V**	
34.	**XLTD-936**	**DC 2V**	
35.	**XLTD-937**	**DC 2V**	
36.	**XLTD-1910**	**DC 2V**	
37.	**XLTD-729**	**DC 2V**	
38.	**XLTD-730**	**DC 2V**	
39.	**XLTD-5090**	**DC 2V**	

40.	**XLTD-5092**	**DC 2V**	
41.	**XLTD-5091**	**DC 2V**	
42.	**XLTD-2301**	**DC 2V**	
43.	**XLTD-2311**	**DC 2V**	
44.	**XLTD-2312**	**DC 2V**	
45.	**XLTD-2322**	**DC 2V**	
46.	**XLTD-2320**	**DC 2V**	
47.	**XLTD-2321**	**DC 2V**	
48.	**XLTD-2323**	**DC 2V**	
49.	**XLTD-2318**	**DC 2V**	
50.	**XLTD-5058**	**DC 2V**	
51.	XLTD-101-1	DC 4V	PCB 2
52.	XLTD-1511	DC 4V	Based on the same Circuit diagram, PCB 3
53.	XLTD-1515	DC 2V	
54.	XLTD-905SA-1	DC 4V	
55.	XLTD-P5030	DC 2V	
56.	XLTD-1501	DC 2V	
57.	**XLTD-911**	**DC 2V**	**Add new model, Based on the same Circuit diagram, PCB 3**
58.	XLTD-P5002（30CM）	DC 2V	Based on the same Circuit diagram, PCB 4
59.	XLTD-P4045	DC 2V	
60.	**XLTD-5041**	**DC 2V**	**Add new model, Based on the same Circuit diagram, PCB 4**
61.	**XLTD-5043**	**DC 2V**	
62.	**XLTD-5040**	**DC 2V**	
63.	**XLTD-7203**	**DC 2V**	
64.	**XLTD-7201**	**DC 2V**	
65.	**XLTD-6005**	**DC 2V**	
66.	**XLTD-148**	**DC 2V**	
67.	**XLTD-1812**	**DC 2V**	
68.	**XLTD-7204**	**DC 2V**	
69.	**XLTD-6007**	**DC 2V**	
70.	**XLTD-1723**	**DC 2V**	
71.	**XLTD-4046**	**DC 2V**	
72.	**XLTD-210**	**DC 2V**	
73.	**XLTD-7202**	**DC 2V**	
74.	**XLTD-7208**	**DC 2V**	
75.	**XLTD-7205**	**DC 2V**	
76.	**XLTD-P6008**	**DC 2V**	
77.	XLTD-1708C	DC 5.5V	PCB 5
78.	XLTD-514	DC 2V	PCB 6
79.	XLTD-P6002	DC 5V	PCB 7

80.	**XLTD-967**	**DC 2V**	**Add new model, Based on the same Circuit diagram, PCB 7**
81.	**XLTD-2306**	**DC 2V**	
82.	**XLTD-6003**	**DC 2V**	
83.	**XLTD-2313**	**DC 2V**	
84.	**XLTD-2314**	**DC 2V**	
85.	**XLTD-2315**	**DC 2V**	
86.	**XLTD-2316**	**DC 2V**	
87.	**XLTD-6004**	**DC 2V**	
88.	XLTD-P5081-1	DC 5.5V	Based on the same Circuit diagram, PCB 8
89.	XLTD-P5082	DC 2V	
90.	XLTD-P5027	DC 5.5V	PCB 9
91.	XLTD-P5037	DC 5.5V	
92.	XLTD-1607S	DC 5.5V	
93.	**XLTD-5038**	**DC 5.5V**	**Add new model, Based on the same Circuit diagram, PCB 9**

Other aspects:

This report is updated report based on history report ASIQ-ESH-P20010901B-A1 updating standards and adding new model, which were marked in "**Bold**" in above model list are similar as original corresponding model except the different see above model list. Correct the applicant/factory address from "No.355, Mingzhou RD, Cixi city, Zhejiang province, Chia 315300" to "NO.485,Xingci 5th Rd,Hangzhou Bay New Zone,Cixi,Ningbo,Zhejiang". Correct the applicant/factory name from "Cixi Landsign Electric Appliance Co.,Ltd" to "Ningbo Landsign Electric Appliance Co.,Ltd.". After evaluation, no necessary test needed. All test results can refer to history report ASIQ-ESH-P20010901B-A1.

4 CONCLUSION

The apparatus solar garden light XLTD series and models listed in the clause 3.1 of this report are in compliance with the requirements of the standards EN IEC 55015:2019+A11:2020, EN 61547:2009.

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