

TEST REPORT

No.: ED190717032C005

Date: July 30, 2019

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Applicant : eKids, LLC. / KIDDESIGNS INC.
Address : 1299, Main Street, Rahway, NJ 07065, U.S.A.
Sample Name : DISNEY FROZEN II LIGHT AND MUSIC SET
Style/Item No. : FR-300, FR-300.11Mv9M (FR-V111, FR-V124, FR-V165)
Factory : DJ Toys
Labeled Age Grading : 0+
Requested Age Grading : 0+
Age Group Applied in Testing : All Ages
Destination : EU
Country of Origin : CHINA
Sample Received Date : July 17, 2019
Testing Completed Date : July 30, 2019

Test Requested : As requested by the client, test for compliance with EN 62115:2005 + A12:2015 on Safety of Electric Toys.

Test Results : Please refer to next page (s).

Executive Summary:

STANDARD

CONCLUSION

EN 62115: 2005 + A12: 2015 on Safety of Electric Toys

PASS
(Subjected to remark)

Signed for and on behalf of
EMTEK (Dongguan) Co., Ltd.

Prepared by: _____

Kay Li
Report Engineer

Reviewed by: _____

Carrie Zhang
Supervisor

Approved by: _____

Eddie Yang
Manager



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Test Results:

Safety of Electric Toys

As per European Standard EN 62115: 2005 + A12: 2015 on Safety of Electric Toys.

Power Source: 3.0V, AA size x 2 pieces for Disney frozen II light and music set (Replaceable battery used)

Electric Operated Function: Sound is powered by battery.

<u>Clause</u>	<u>Testing Items</u>	<u>Assessment</u>	<u>Remark</u>
1.	Scope	--	
2.	Normative references	--	
3.	Definitions	--	
4.	General requirement	--	
5.	General conditions for the tests	--	
6.	Criteria for reduced testing	--	
7.	Marking and instructions	P	See Remark 1
8.	Power input	NA	
9.	Heating and abnormal operation	P	See Table 1
10.	Electric strength at operating temperature	P	
11.	Moisture resistance	P	
12.	Electric strength at room temperature	P	
13.	Mechanical strength	P	
14.	Construction	P	
15.	Protection of cords and wires	P	
16.	Components	P	
17.	Screws and connections	P	
18.	Clearances and creepage distances	P	
19.	Resistance to heat and fire	P	
20.	Toxicity and similar hazards	--	See Remark 2
	Radiation hazard Annex E Toys incorporating lasers / light-emitting diodes (LED)	NA	
	Toys with an integrated field source Annex ZC Toys generating Electromagnetic Fields (EMF)	NA	

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Annex ZB	<p>Toys with protective electronic circuit influence from electromagnetic phenomena (EMP).</p> <p><input type="checkbox"/>9.ZB.1 Electrostatic discharges in accordance EN 61000-4-2 test level 4.</p> <p><input type="checkbox"/>9.ZB.2 Radiated fields in accordance with EN 61000-4-3 test level 3.</p> <p><input type="checkbox"/>9.ZB.3 Fast transient bursts in accordance with EN 61000-4-4 test level 3 (Signal line), level 4 (Power supply line).</p> <p><input type="checkbox"/>9.ZB.4 Voltage surges in accordance with EN 61000-4-5 test level 3(Line to line), level 4(line to earth).</p> <p><input type="checkbox"/>9.ZB.5 Injected currents in accordance with EN 61000-4-6 test level 3, frequency 0,15 MHz to 80 MHz are covered.</p> <p><input type="checkbox"/>9.ZB.6 Voltage dips and interruptions in accordance with EN 61000-4-11, durations specified in EN 61000-4-11:2004, Table 1.</p> <p><input type="checkbox"/>9.ZB.7 Mains signals in accordance with EN 61000-4-13 test level class 2.</p>	NA	
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P = Pass NA= Not applicable

Remark:

1. Only the English version of the marking and instructions were assessed. According to the standard, instruction sheets and other texts required by the standard shall be written in the official language of the country in which the product is to be sold.
2. This report does not include test result of toxicity and similar hazard.

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Table 1:

Heating and abnormal operation

Normal temperature rise		
Ambient temperature : (Deg. C)		21.8°C
Location	Temperature Rise (K)	Limit (K)
Battery surface	3.8	45
Battery compartment	3.2	50
Battery cover	2.1	50
Press button	0.6	35

Photo Appendix



* * * * * The End * * * * *

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