



中国认可
国际互认
检测
TESTING
CNAS L5950



Test Report

No.:SPF250300530

Date:Oct 23, 2025

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Shantou Bayi Toys Co., LTD

9th Floor, No. 9, Building 40, Huaxin Yuan, Huafu Community, Guangyi Sub-district, Chenghai District, Shantou City, Guangdong Province, China

The following samples were submitted and identified by/on behalf of client as:

Sample Name: Toy series
Item No.: See next page
Requested age grading: 6+
Age group applied in testing: 6+
Sample received date: Sep 11, 2025
Testing period: From Sep 11, 2025 to Sep 22, 2025

Test conclusion:

Summary	Result
Electric toys - safety EN IEC 62115: 2020 + A11:2020	Pass

Tested by :

Zhang WenXia, Wendy

Inspected by :

Lin JiaSheng, Lin

Approved by :

Zhang Feng, Jee
Lab Manager

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Item No.	BY801, BY802, BY803, BY804, BY805, BY806, BY807, BY808, BY809, BY810, BY801W, BY802W, BY803W, BY804W, BY805W, BY806W, BY807W, BY808W, BY809W, BY810W, BY811A, BY812A, BY813A, BY814A, BY815A, BY816A, BY817A, BY818A, BY819A, BY820A, BY811B, BY812B, BY813B, BY814B, BY815B, BY816B, BY817B, BY818B, BY819B, BY820B, BY821, BY822, BY823, BY824, BY825, BY826, BY827, BY828, BY829, BY830, BY831, BY832, BY833, BY834, BY835, BY836, BY837, BY838, BY839, BY840, BY821W, BY822W, BY823W, BY824W, BY825W, BY826W, BY827W, BY828W, BY829W, BY830W, BY831W, BY832W, BY833W, BY834W, BY835W, BY836W, BY837W, BY838W, BY839W, BY840W, BY841, BY842, BY843, BY844, BY845, BY846, BY847, BY848, BY849, BY850, BY841W, BY842W, BY843W, BY844W, BY845W, BY846W, BY847W, BY848W, BY849W, BY850W, BY851, BY852, BY853, BY854, BY855, BY856, BY857, BY858, BY859, BY860, BY851W, BY852W, BY853W, BY854W, BY855W, BY856W, BY857W, BY858W, BY859W, BY860W, BY861, BY862, BY863, BY864, BY865, BY866, BY867, BY868, BY869, BY870, BY861W, BY862W, BY863W, BY864W, BY865W, BY866W, BY867W, BY868W, BY869W, BY870W, BY871, BY872, BY873, BY874, BY875, BY876, BY877, BY878, BY879, BY880, BY871W, BY872W, BY873W, BY874W, BY875W, BY876W, BY877W, BY878W, BY879W, BY880W, BY881, BY882, BY883, BY884, BY885, BY886, BY887, BY888, T9015A, T9015B, BY881W, BY882W, BY883W, BY884W, BY885W, BY886W, HG6-05, PQ01A, 8088, 2019-16, MD542A, MD543A, MD525A, MD910A, MD911A, MD912A, 815-3A, XS-010, 2800, 2810, 2277-3B, 2277-3, 2278-3 , 2278-3B, 2355-7, 2355-7A, 2355-7B, 2388-1, 2388-1A, 2388-1B
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1.EN IEC 62115:2020+A11:2020 Electrical properties

Rating:1 × 7.4V 1200mAh Li-ion battery for Car, 2 × 1.5V "AA" size batteries for Controller and 1 × 3.7V

150mAh Li-polymer battery (irreplaceable) for Watch

Packaging:Printed box

Section	Description	Assessment
1	Scope	---
2	Normative references	---
3	Terms and definitions	---
4	General requirement	---
5	General conditions for the tests	---
6	Criteria for reduced testing	--- The unit is not under the exemption conditions stated in this clause.
7	Marking and instructions	P
8	Power input	NA
9	Heating and abnormal operation	P
10	Electric strength	P
11	Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	P
12	Mechanical strength	P
13	Construction	P
14	Protection of cords and wires	P
15	Components	P
16	Screws and connections	P
17	Clearances and creepage distances	P
18	Resistance to heat and fire	P
19	Radiation and similar hazards	---
	Emission from electric toys incorporating lasers and or light emitting diodes or UV emitting lamps	NC
	Modulated accessible emission	NC

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Section	Description	Assessment
	Toys with an integrated field source shall comply with Annex I	NA The submitted sample did not incorporate part which consuming a current more than 3A.

Details of test results:

Clause 9	Heating and abnormal operation:		
9.2	During normal and abnormal operation, the unit (Controller/Watch) was freely suspended during normal and abnormal operation. The unit (Car) was placed on the floor of a test corner as near to the walls as possible or away from the walls, whichever is more unfavourable, it was covered with four layers of bleached cotton gauze having dimensions of 500 mm x 500 mm and a specific mass of 40 g/m ² ± 8 g/m ² .		
9.3-9.8	The unit was operated by 1 × 7.4V 1200mAh Li-ion battery for Car, 2 × 1.5V "AA" size batteries for Controller and 1 × 3.7V 150mAh Li-polymer battery (irreplaceable) for Watch until steady conditions were established. The maximum temperature rises were recorded as follows:		
	Ambient temperature(°C): 23.7		
	Location	Temperature rise(K)	Limit(K)
	Battery surface	17.3	45
	Battery compartment cover surface	12.5	50
	Enclosure (PCB)	4.6	50
	Enclosure (Motor)	10.4	50
	Switch	9.3	50
	Enclosure (Speaker)	3.9	50
	Enclosure (sprayer)	2.4	50
	Enclosure (LED)	2.5	50
	Battery surface (Controller)	3.7	45
	Battery compartment cover surface (Controller)	2.8	50
	Enclosure (PCB) (Controller)	1.4	50
	Enclosure (Battery) (Watch)	2.5	50

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Details of test results:

	Enclosure (PCB) (Watch)	1.3	50
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Note:

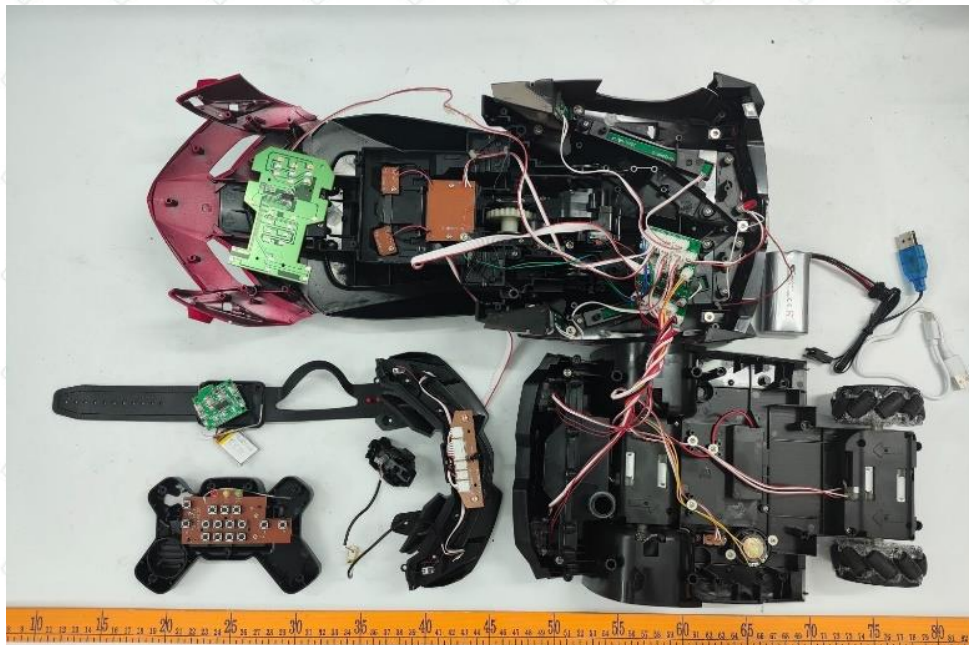
P = Pass; NA = Not applicable; NC = Not conducted; F=Fail.

- (1) According to the standard, instruction and other texts required by the standard should be written in the official language(s) of the country in which the product is to be sold.
- (2) Applicant needs to ensure that components used in toys comply with the safety requirements specified in the relevant IEC standards as far as they reasonably apply.
- (3) It is the manufacturer's responsibility to ensure the toy does not emit harmful radiation or present a toxic or similar hazard due to their operation in normal use.

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Sample Photo(s):



Internal photo



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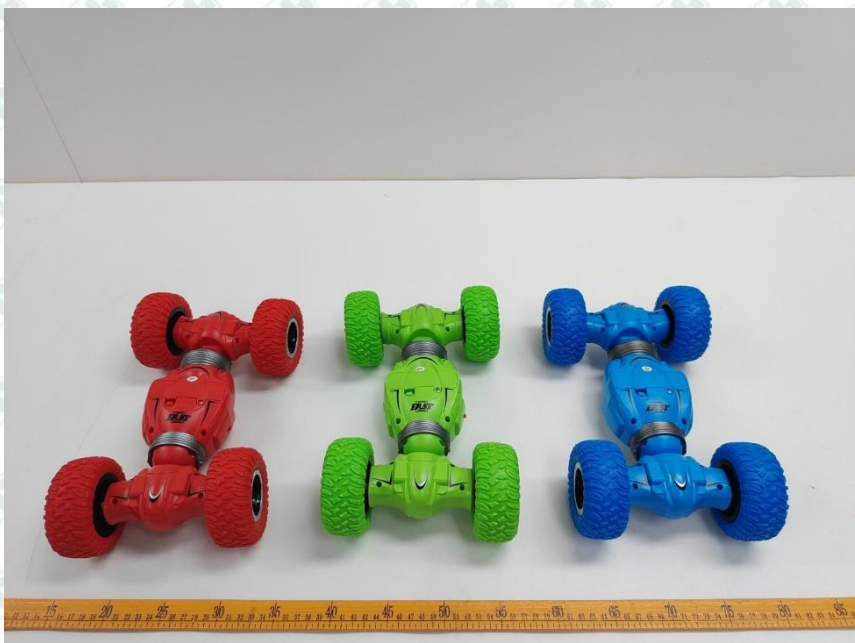


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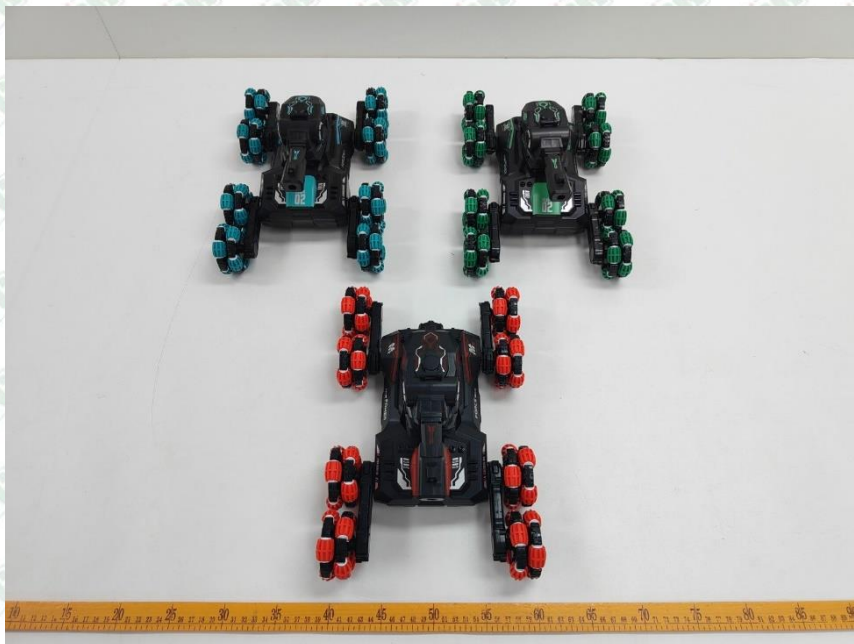


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