



Test Report

No.: T52310330130EL

Date: OCT 26, 2023

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DONGGUAN ASIWO TECHNOLOGY CO., LTD

NO.1 MALI INDUSTRIAL ROAD,ZHONGTANG TOWN,
DONGGUAN CITY, GUANGDONG PROVINCE

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

Name of Product/Item : 12 INCH ELECTRIC MINI BIKE
 Item No. : EL-MB03A EL-MB03P , EL-MB03C ,
 CRUSIER 12, CRUSIER 12 PLUS, DENVER SCK-12100
 Labeled Age Grading : 7+
 Request Age Grading : Not provided

Tested Item No. : EL-MB03A(Cruiser 12) 、 EL-MB03P(Cruiser 12 Plus)
 Test Age Grading : 7 years and above
 Power Source for Test : 1 x 21.9 V 113.88Wh (Non-replaceable rechargeable battery)
 1 x GC42-240150-5A battery charger
 (Input: 100-240V~50/60Hz 1.5A; Output: 24.0VDC1.5A)
 Date of receipt : JUN 15, 2023 Number of sample: 4
 Last Submission Sample Date : OCT 11, 2023 Number of sample: 3
 Testing Period : JUN 15, 2023 TO OCT 26, 2023



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Test Requested	Conclusion
1. Test for compliance with the electric toys safety requirement with reference to: EN IEC 62115:2020 Electric toys – safety EN IEC 62115:2020/A11:2020 (Except clause 15.4 battery chargers as per client request.)	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS-CSTC Standards Technical
Services Co., Ltd. Shenzhen Branch Testing Center

Xiao Yongbo, Spring
Supervisor

Scan to see the report



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EN IEC 62115:2020 ELECTRIC TOYS – SAFETY SPECIFICATION REQUIREMENTS & TEST RESULTS
EN IEC 62115:2020/A11:2020 SPECIFICATION REQUIREMENTS & TEST RESULTS

<u>Clause</u>		<u>Assessment</u>
1	Scope	--
2	Normative references	--
3	Terms and Definitions	--
4	General requirement	--
5	General conditions for the tests	--
6	Criteria for reduced testing	--
7	Marking and instructions (Remark: 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. Only English version was reviewed in this report.)	PASS
8	Power input	N/A
9	Heating and abnormal operation	PASS
10	Electric strength	PASS
11	Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid	PASS
12	Mechanical strength	PASS
13	Construction	PASS
14	Protection of cords and wires	PASS
15	Components (*Except clause 15.4 as per client request.)	PASS*
16	Screws and connections	PASS
17	Creepage distances and clearances	PASS
18	Resistance to heat and fire	PASS



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Clause		Assessment
19	Emission from electric Toys incorporating lasers and or light emitting diodes or UV emitting lamps	PASS
	Toxicological hazards shall comply with EN 71 series of standards (Remark: 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.)	--
	Modulated accessible emission -Tested flashing frequency less than 4 Hz or more than 60 Hz	PASS
	Toys with an integrated field source shall comply with Annex I	PASS

N/A = Not Applicable

Clause 15 Components

*The test result was based on the client provided documents.

Object/Part No.	Report No.	Testing Lab	Issue Date
Secondary Batteries (0602)	S03A23090815L00101	Guangdong ESTL Technology Co., Ltd.	2023-10-11
Secondary Batteries (0602U)	S03A23070369L00101	Guangdong ESTL Technology Co., Ltd.	2023-09-22



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Detail of Radiation, and similar hazards

Electric toys incorporating lasers and or LED or UV emitting lamps shall comply with requirement.

Part under test	Emission wavelength range	Peak emission wavelength	Measure distance	Measured emission	Emission Limit
Group of White LEDs for headlight (Green motorcycle) with enclosure	400nm-780nm	451.8nm	200mm	0.0192W/sr	0.04W/sr
		541.4nm			
Group of White LEDs for switch (Green motorcycle) with enclosure	400nm-780nm	455.6nm	200mm	0.0001W/sr	0.04W/sr
		571.4nm			
Group of Color LEDs for Green motorcycle with enclosure	400nm-780nm	463.2nm	200mm	0.0012W/sr	0.04W/sr
		517.6nm			
		627.0nm			
Group of Red LEDs for vent (Green motorcycle)	400nm-780nm	630.0nm	200mm	0.0121W/sr	0.04W/sr
Group of White LEDs for headlight (Black motorcycle) with enclosure	400nm-780nm	453.2nm	200mm	0.0009W/sr	0.04W/sr
		540.2nm			
Group of Green LEDs for switch (Black motorcycle) with enclosure	400nm-780nm	518.2nm	200mm	0.0001W/sr	0.04W/sr

Note: About requirements in Directive 2009/48/EC

According to 2009/48/EC, name and address of manufacturer and importer, and product identification shall be indicated on the toy, or, where that is not possible, on its packaging or in a document accompanying the toy.



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Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012). When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability($k=2$), $w = U_{95}$. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit (T_U):

Pass - when the measurement result is below $T_U - U_{95}$

Fail - when the measurement result is above $T_U + U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_U - U_{95}, T_U + U_{95}]$

For Lower Tolerance Limit (T_L):

Pass - when the measurement result is above $T_L + U_{95}$

Fail - when the measurement result is below $T_L - U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_L - U_{95}, T_L + U_{95}]$

Sample Picture (As received)

Pic.1



Pic.2



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Pic.3



Pic.4



SGS authenticate the photo on original report only

*** End of Report ***



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