

Test Report

Number: SZHH02064412S1

Applicant: YIWU ZHIHUIXING TOYS CO.,LTD
189 QIUSHI ROAD, BEIYUAN DISTRICT,
YIWU, ZHEJIANG, CHINA.

Date: Aug 04, 2025

*This is to supersede Report No.
SZHH02064412 dated Jul 04,
2025*

Sample Description:

Nine (9) sets of submitted sample said to be :
Item Name : **Electric Ride On Car.**
Item No. : **8858.**
Labelled Age Group : Over 18 Months
Applicant Specified Age : Over 18 Months
Grading for Testing
Packaging Provided by : Yes
Applicant
Additional Material and Wet : Yes
Paint Provided
Country of Origin : China
Date Sample Received : Jun 05, 2025
Testing Period : Jun 05, 2025 ~Jul 02, 2025





Tests conducted:

As requested by the applicant, refer to attached page(s) for details.



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Conclusion:

Tested Samples
Submitted samples

Standard - U.S. ASTM F963-23
Section 4.25 for Battery-Operated Toys and Battery-Powered Ride-on Toys

Result
Pass

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Rachel L. Guo
Vice President



Should you have any query on this report, please click the link below:
https://verifyindex.intertek.com.cn/home/index?id=hl_report_verify



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1 **Battery Powered Ride On Toys**

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-23 Section 4.25, 5.14, 6.5, 6.6 and 7.2.

Power Source:

6 V, 4.5Ah, Lead-acid rechargeable battery x 1 piece

Battery charger (Provided) : Model number: ZNL-V060050
Input: 100~240 VA.C, Output: 6 V D.C.

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.25.1	Battery marking	NA
4.25.2	Maximum allowable direct current potential	P
4.25.3	Protection against charging non-rechargeable battery	P
4.25.4	Accessible batteries	P
4.25.5	Isolation of batteries of different types or capacities	NA
4.25.6	Temperature of battery surface	P
4.25.7	Temperature of battery surface or combustion hazard after normal use and abuse test	P
4.25.8	Instruction requirement	NA
	- 5.14 Non-replaceable batteries	NA
	- 5.14.2 Instruction for button or coin cell batteries	NA
	- 6.5 Instruction on safe battery usage	NA
	- 6.9 Instruction for toys which require a manufacturer-supplied specialty or custom tool to access the batteries	NA
4.25.9	Battery-powered ride on toys	P
4.25.9.1	The maximum temperature measured on the insulation of any conductor shall not exceed the temperature rating of the material.	P
4.25.9.2	Battery powered ride on toys shall not present a risk of fire in stalled motor test.	P
4.25.9.3	A battery powered ride on toy designed with a wiring system that has a user replaceable device (fuse type) For the primary circuit protection or a wiring system with user resettable primary circuit protection (manual reset fuse) shall not actuate (open or trip) when tested in accordance with the nuisance tripping test	NA



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<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.25.9.4	Switches used in battery powered ride on toys. - Polymeric materials in switches used in battery powered ride on toys that are used to support current carrying parts shall carry a minimum flame rating of UL-94 V-0 or have a glow wire ignition rating of 750°C. - The switch body shall not result in a short-circuit condition when subjected to the switch endurance test and overload tests. - The switch shall not fail in a mode that could cause the vehicle to run continuously (switch stuck in the "on" position) when subjected to the endurance test and the overload test.	P
4.25.9.5	User replaceable circuit protection devices in battery powered ride on toys - User replaceable circuit protection devices used in battery powered ride on toys shall be listed, recognized or certified by an independent laboratory. - All circuit protection devices used in battery powered ride on toys intended to be replaced by the user shall be replaceable only with the use of a tool or by a design which does not easily allow tempering such as a design requiring excessive force to open.	NA
4.25.9.6	Batteries and battery chargers. - Battery connectors must be constructed of material with a V-0 flame rating or have a glow wire ignition rating of 750°C. - The battery charging system shall not present a risk of fire due to a short circuit condition applied to any point in the length of a charger/battery. - During charging, battery charging voltages shall not exceed the recommended charging voltages. - Battery charges must be certified to the appropriate standard body.	P
4.25.9.7	Wiring connected to the main/motor battery shall be short circuit protected and shall not present the risk of fire.	P
4.25.9.8	Strain relief shall be provided to prevent mechanical stress on wires entering a connector block during routine maintenance.	NA



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Section	Testing Items	Assessment
4.25.9.9	Battery powered ride on toys shall comply with the requirements for safety labelling, for additional instructional literature, and for required producer's markings.	P
	- 5.14.1 Battery powered ride on toys safety labelling	
	- 6.6 Instructions	
	- 7.2 Producer's marking	
4.25.10	Toys contain secondary cells or secondary batteries	NA

Remark: P = Pass NA = Not Applicable

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8:09/2019-(Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results. Full details of our agreed decision rules and the associated risk can be viewed: <https://www.intertek.com.cn/diypage/upload/SZ-AP15-HLS-QA.pdf>.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek.



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To: YIWU ZHIHUIXING TOYS CO.,LTD

Date: Aug 04, 2025

Re : Report Revision Notification

Intertek Testing Services Report Number SZHH02064412 Dated Jul 04, 2025

Please be informed that all the content recorded in the above captioned report will be void. This captioned report is now superseded by a revised Intertek Testing Services Report Number, SZHH02064412S1 Dated Aug 04, 2025

Below are revision details:

Report Number	SZHH02064412	SZHH02064412S1
Revise remark	Nil	Amend reference photo

Thank you for your attention.

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Rachel L. Guo
Vice President

