



**BUREAU
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION



**TESTING
CNAS L2304**

X-HONG INTERNATIONAL GROUP CO,LTD

Technical Report: (8515)061-0425(A)(RevisionI)

October 19, 2015

Date Received: March 16, 2015

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X-HONG INTERNATIONAL GROUP CO,LTD
UNIT 02,15/F,RICKY CENTRE,NO.36 CHONG YIP
STREET,KWUN TONG,KOWLOON,HONGKONG

Sample Description: QUADCOPTER
1.) S 911 NIGHT DRONE
2.) S18C
3.) S60
4.) S777
5.) MICRO DRONE

Vendor: N/A
Manufacturer: N/A

Sample Size: 5
(*)Style No(s): S18C 、 W300L 、
W301 、 W302 、 W303 、
W304 、 W305 、 W306 、
W307 、 W308 、 W309 、
W310 、 W311 、 W312 、
W313 、 W314 、 S17 、
S19 、 S20 、 S21 、
S22 、 S23 、 S24 、
S25 、 W400 、 W401 、
W402 、 W403 、 W404 、
W405 、 W406 、 W407 、
W408 、 W409 、 S900 、
S901 、 S902 、 S903 、
S904 、 S905 、 S906 、
S907 、 S908 、 S64 、
W100 、 W101 、 W102 、
W103 、 W104 、 W105 、
W106 、 W107 、 S111 、
S222 、 S333 、 S555 、
S666 、 S777 、 S888 、
S999 、 W200 、
W200C 、 W201L 、
W202 、 W203 、 W204 、
W205 、 W206 、 W207 、
W208 、 W209 、 W210 、
W211 、 S62 、 S63 、
S65 、 S66 、 S80 、
S80C 、 S81 、 S82 、
S83 、 S601 、 W500 、
W501 、 W502 、 W503 、



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(*)Style No(s): W504 、 W505 、 W506 、
W507 、 S911 、 S912 、
S913 、 S914 、 S915 、
S916 、 S917 、 S918 、
911B 、 911K 、 C801 、
C802 、 C803 、 C804 、
C805 、 C806 、 C807 、
C808 、 B600 、 B601 、
B602 、 B603 、 B604 、
B605 、
S860, S870, S880,
S890, S910, S911,
S911C, S911R, S920C,
S920R, S920, S940,
S950, S950R, S960,
S970, S980, S990, A1,
A2, A3, A4, A5, A6, A7,
A8, A9, A10, A11, A12,
A13, A14, A15, A16,
A17, A18, A19, A20,
X1, X2, X3, X4, X5,
X5SC, X6, X7, X8, X9,
X10, X11, X12, X13,
X14, X15, X16, X17,
X18, X19, X20, A12C,
S17C-30, S17C-20,
S20L

Buyer: N/A
Labeled Age Grade: FOR STYLE # 4,5 SAMPLE(S) =
8+ / 14+, FOR OTHERS =8+
Appropriate Age Grade: NOT REQUESTED
Client Specified Age Grade: 8+

SKN/SKU No.: N/A
PO No.: N/A
Ref #: N/A
Country of Origin: FOR STYLE # 4,5
SAMPLE(S) = NO
INFORMATION, FOR
OTHERS = MADE IN
CHINA

Tested Age Grade: OVER 8 YEARS OF AGE
UPC Code: 8113350395282, 8113350347717
Terminal voltage: TX: 6.0V
RX: 3.7V

Assortment No.: N/A
Test Starting Date: MARCH 16, 2015
Test Finished Date: MARCH 17, 2015



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EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The requirements of the tested clauses of the European Standard EN 62115: 2005 + A2: 2011 + A11: 2012, "Electric toys - Safety"

Compliance with this standard is also on condition that the toy complies with EN 71 Standard.

Note: The submitted sample incorporating lasers or light emitting diodes (LED), compliance with the standard covered by this report is on condition that the lasers or light emitting diodes in toys are classified as Class 1 in accordance with IEC 60825-1 Standard under the condition specified in Annex E of EN 62115 / IEC 62115.

Note: Compliance with this standard is also on condition that the components as specified in clause 16 comply with the safety requirements specified in the relevant standard.

Note: For battery charger, compliance with the standard covered by this report is on condition that the transformer complies with the IEC 60335-2-29 Standard.

Note: At the requested of the client , testing was performed for item S18C.

BUREAU VERITAS SHENZHEN CO., LTD.

Lung Cheong Ming, Nick
Assistant Manager
Electrical Department
Toys, Premiums & Juvenile Products Division

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RESULTS:

European Standard EN 62115: 2005 + A2: 2011 + A11: 2012, "Electric toys - Safety"

Clause	Parameter	Result
5.13	Electrical connection can be made as reversed polarity due to incorrect insertion.	NOT POSSIBLE
7	Marking and Instructions	M
8	Power input	NA
9	Heating and abnormal operation	M-See Remark
10	Electric strength at operating temperature	M
11	Moisture resistance	M
12	Electric strength at room temperature	M
13	Mechanical strength	M
14	Construction	M
15	Protection of cords and wires	M
16	Components	M
17	Screws and connections	M
18	Creepage distance and clearances	M
19	Resistance to heat and fire	M
20	Radiation, toxicity and similar hazards	See Executive Summary
Annex ZB	Toys with protective electronic circuit	M

M = Meet
NA = Not applicable

NM/R = Not Meet-refer to Comment Section
NR = Not requested by the client



RESULTS:

Remark:

Clause	Parameter												
9.3	<p>The maximum temperature rises at normal operation were recorded as follows: Ambient Temperature (°C):23.7</p> <table><tr><th><u>Location</u></th><th><u>Temperature Rise (K)</u></th><th><u>Limit (K)</u></th></tr><tr><td>Battery Surface</td><td>TX: 4.7</td><td>45</td></tr><tr><td>Enclosure (near motor)</td><td>RX: 10.6</td><td>35</td></tr><tr><td>Battery Surface</td><td>RX:15.2</td><td>45</td></tr></table>	<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>	Battery Surface	TX: 4.7	45	Enclosure (near motor)	RX: 10.6	35	Battery Surface	RX:15.2	45
<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>											
Battery Surface	TX: 4.7	45											
Enclosure (near motor)	RX: 10.6	35											
Battery Surface	RX:15.2	45											
9.6	<p>The maximum temperature rises at locked moving part were recorded as follows: Ambient Temperature (°C):23.7</p> <table><tr><th><u>Location</u></th><th><u>Temperature Rise (K)</u></th><th><u>Limit (K)</u></th></tr><tr><td>Battery Surface</td><td>RX:1.2</td><td>45</td></tr><tr><td>Enclosure (near motor)</td><td>RX: 0.8</td><td>35</td></tr></table>	<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>	Battery Surface	RX:1.2	45	Enclosure (near motor)	RX: 0.8	35			
<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>											
Battery Surface	RX:1.2	45											
Enclosure (near motor)	RX: 0.8	35											
9.8	<p>The maximum temperature rises at fault condition were recorded as follows: Ambient Temperature (°C):23.7</p> <table><tr><th><u>Location</u></th><th><u>Temperature Rise (K)</u></th><th><u>Limit (K)</u></th></tr><tr><td>Battery Surface</td><td>RX: 2.9</td><td>45</td></tr><tr><td>Enclosure (near motor)</td><td>RX: 0.8</td><td>35</td></tr></table>	<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>	Battery Surface	RX: 2.9	45	Enclosure (near motor)	RX: 0.8	35			
<u>Location</u>	<u>Temperature Rise (K)</u>	<u>Limit (K)</u>											
Battery Surface	RX: 2.9	45											
Enclosure (near motor)	RX: 0.8	35											

RESULTS:



END OF REPORT