



中国认可
国际互认
检测
TESTING
CNAS L6478



TEST REPORT

Reference No...... : WTF24F10236947J
Applicant..... : Guangzhou Aimei Intelligent Technology Co., Ltd.
Address..... : Floor 2, building B, No. 185, Zhongsheng Road, Zhongcun street,
Panyu District, Guangzhou
Manufacturer : Guangzhou Aimei Intelligent Technology Co., Ltd.
Address..... : Floor 2, building B, No. 185, Zhongsheng Road, Zhongcun street,
Panyu District, Guangzhou
Product Name..... : Hair clipper
Model No..... : HC-W056, HC-W058, HC-W052, HC-W037, HC-W030, HC-W012,
HC-W003A, TS7800, HC-W050, HC-W051, HC-W018, HC-W017,
HC-W059, HC-W031, HC-W028, HC-W029, HC-W053
Test specification..... : IEC 60529:1989+A1:1999+A2:2013
Date of Receipt sample..... : 2024-10-15
Date of Test..... : 2024-10-21 to 2024-10-23
Date of Issue..... : 2024-10-29
Test Report Form No...... : WST-60529-59D
Test Result..... : Pass

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of approver.

Prepared By:

Waltek Testing Group (Foshan) Co., Ltd.

Address: No.13-19, 2/F., 2nd Building, Sunlink Machinery City, Xingye 4 Road, Guanglong Industrial Park, Chihua Neighborhood Committee, Chencun Town, Shunde District, Foshan, Guangdong, China

Tel:+86-757-23811398 Fax:+86-757-23811381 E-mail:info@waltek.com.cn

Tested by:

Can Guo

Approved by:

Jerry Mu



List of test items:

No.	Test Items	Requirement + Test	Result
1	IPX6 Test	IEC 60529:1989+A1:1999+A2:2013	Pass
<p>Subcontract Whether parts of tests for the product have been subcontracted to other labs: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, list the related test items and lab information: Test items: --- Lab information: --</p>			
<p>Use of uncertainty of measurement for decisions on conformity (decision rule) : No decision rule is specified by the standard, when comparing the measurement result with the applicable limit according to the specification in that standard. The decisions on conformity are made without applying the measurement uncertainty ("simple acceptance" decision rule, previously known as "accuracy method").</p>			
<p>Remarks: 1. All models have same dustproof and waterproof structure except model name. 2. IPX6 test was carried out on model HC-W056.</p>			

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**Test Item:**

Tests for protection against ingress moisture: IPX6

Test Method:

The tests should be carried out under the standard atmospheric condition. The atmospheric conditions during tests are as follows:

Temperature range: 15 °C to 35 °C. Relative humidity: 25 % to 75 %.

The tests are conducted with fresh water. The water temperature should not differ by more than 5 K from the temperature of the specimen under test. If the water temperature is more than 5 K below the temperature of the specimen a pressure balance shall be provided for the enclosure.

The test is made by spraying the enclosure from all practicable directions with a stream of water from a standard test nozzle as shown in figure 6.

The conditions to be observed are as follows:

- internal diameter of the nozzle: 12.5 mm;
- delivery rate: 100 l/min \pm 5 %;
- water pressure: to be adjusted to achieve the specified delivery rate;
- core of the substantial stream: circle of approximately 120 mm diameter at 2.5 m distance from nozzle;
- test duration per square meter of enclosure surface area likely to be sprayed: 1 min;
- minimum test duration: 3 min;
- distance from nozzle to enclosure surface: between 2.5 m and 3 m.

Acceptance Conditions:

After testing in accordance with the appropriate requirements, the enclosure shall be inspected for ingress of water.

It is the responsibility of the relevant Technical Committee to specify the amount of water which may be allowed to enter the enclosure and the details of a dielectric strength test, if any.

In general, if any water has entered, it shall not:

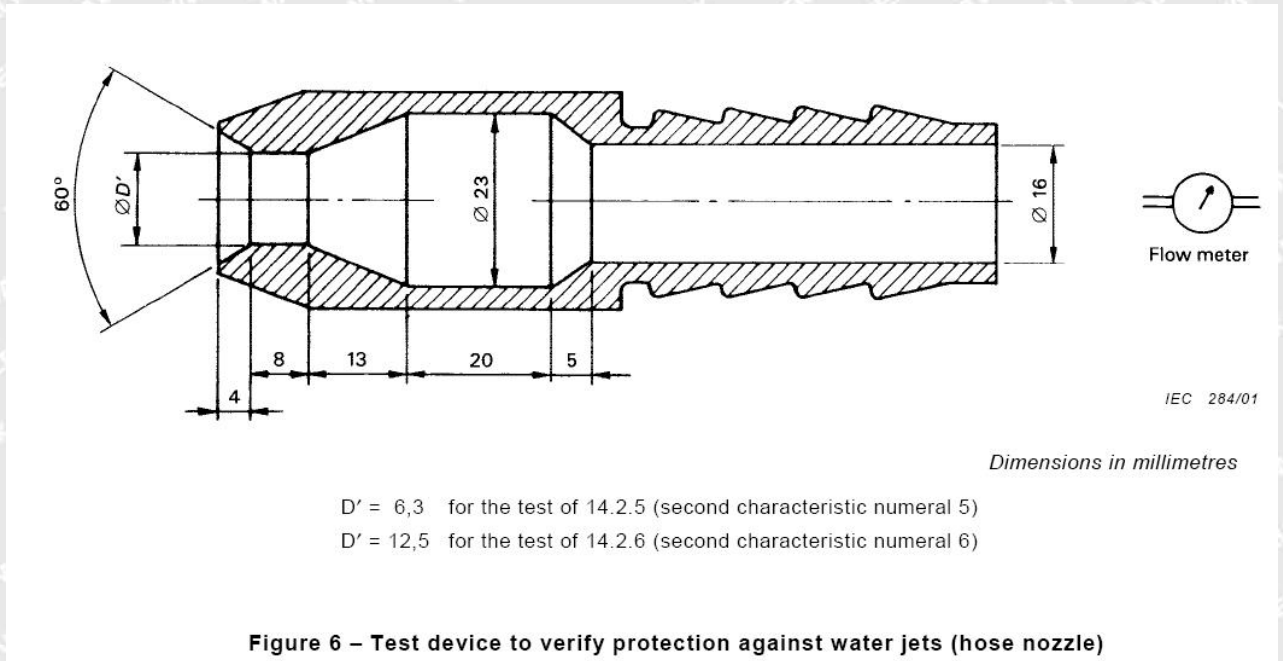
- be sufficient to interfere with the correct operation of the equipment or impair safety;
- deposit on insulation parts where it could lead to tracking along the creepage distances;
- reach live parts or windings not designed to operate when wet;
- accumulate near the cable end or enter the cable if any.

If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment.

For enclosures without drain-holes, the relevant product standard shall specify the acceptance conditions if water can accumulate to reach live parts.

Test Result:

Pass Fail



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Photo Documentation:
Model: HC-W056



Photo 1 -- Sample



Photo 2 -- Sample



Photo 3 -- During the test



Photo 4 -- After the test

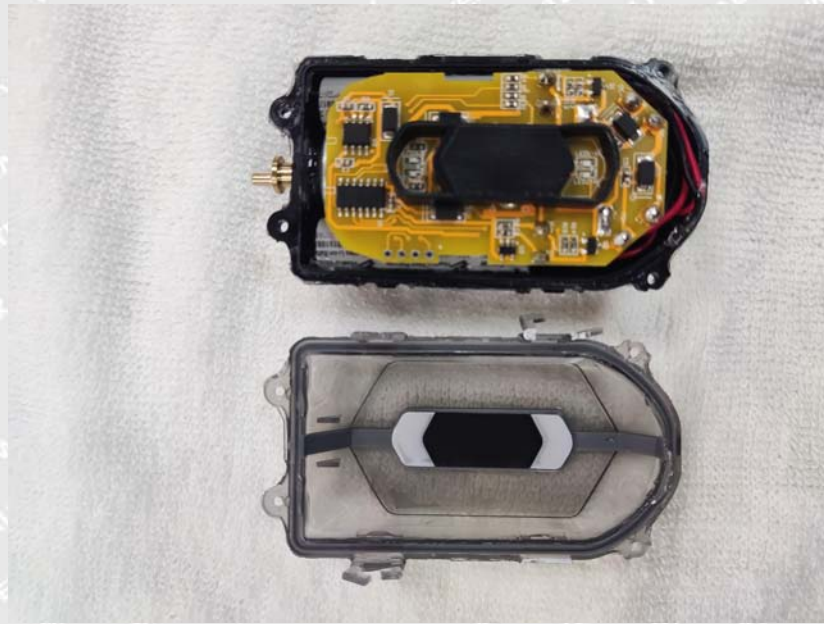


Photo 5 -- After the test



Photo 6 -- After the test



Equipment Used during Test :

Equipment	Model/Type	Cal. Date
Temperature & Humidity Datalogger	622	2024-01-17
Force Gauge	SN-500	2024-01-17
IPX-8 water-proof UL test equipment	KXT1318	2024-07-02
Clock	HS-70W	2024-01-22
Dielectric & Insulation Resistance Tester	9012	2024-01-17
Caliper	CD-6 " CSX	2024-01-17
Clock	HS-70W	2024-01-22

===== End of Report =====

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