

## TEST REPORT



REPORT NO.:CTNT2502120010101R

Product name: Car Refrigerator

Model No.: K10A

Applicant: Zhejiang Qixuan Electric Technology Co.,Ltd

Test procedure: Entrustment Test

Shenzhen CTNT Testing Technology Co., Ltd.





**TEST REPORT****10 CFR 430.32(a). (Appendix A to Subpart B of Part 430)****Report Number** ..... CTNT2502120010101R**Date of issue** ..... Feb.26, 2025

**Name of Testing Laboratory** ..... Shenzhen CTNT Testing Technology Co., Ltd.  
 Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang  
 Street, Longgang District, Shenzhen, Guangdong, China

**preparing the Report** ..... Tel: 086-755-28680489  
 E-mail: admin@cnt-cert.com  
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**Applicant's name**..... Zhejiang Qixuan Electric Technology Co.,Ltd**Address**..... No.101, West Huancheng Road, Guan Hai Wei Town, Cixi,  
Zhejiang**Test specification:****Standard**..... 10 CFR 430.32(a). (Appendix A to Subpart B of Part 430)  
as applicable; AHAM HRF-1-2019**Test procedure** ..... ☒ DOE: Appendix A to Subpart B of Part 430 - Uniform Test  
Method for Measuring the Energy Consumption of Refrigerators,  
Refrigerator-Freezers, and Miscellaneous Refrigeration Products**Non-standard test method**..... N/A**Test Report Form No.** ..... DOE- BC-RRF**Test Report Form(s) Originator** ....: 1.0**Master TRF** ..... CTNT**General disclaimer:**

The test results presented in this report relate only to the object tested.

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**Test item description**..... Car Refrigerator**Model/Type reference** ..... K10A**Trade Mark** ..... N/A**Manufacturer** ..... Zhejiang Qixuan Electric Technology Co.,Ltd**Address**..... No.101, West Huancheng Road, Guan Hai Wei Town, Cixi,  
Zhejiang

**Ratings**..... Powered by external driver:  
 Adapter Input:100-240V~ 50/60Hz 1.5A(max),  
 Output: 14.5V 4.1A 59.45W

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This report can be checked and verified in the following ways.

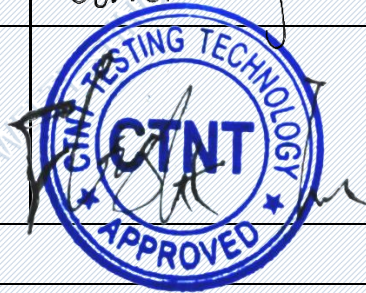
Tel: 0755-28680489

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Web: www.cnt-cert.com



**Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):**

<b>Laboratory Name</b>	Shenzhen CTNT Testing Technology Co., Ltd.	
<b>Testing location/ address .....</b>	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
<b>Tested by(Test Engineer).....</b>	George Tian	<i>George Tian</i>
<b>Reviewed By(Supervisor).....</b>	Oliver Long	<i>Oliver Long</i>
<b>Approved by(Chief Engineer) .....</b>	Flight Lee	

**Summary of testing:****Tests performed (name of test and test clause):**

Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.

A representative sample of the product covered by this report has been tested and complies with the applicable requirements of 10 CFR 430.32(a).

**Testing location:**

Shenzhen CTNT Testing Technology Co., Ltd.

Room 1A106, 1/F., No.109, Lijia Road, Henggang,

Henggang Street, Longgang District, Shenzhen, Guangdong, China

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**General conditions for measurements:****1.Test Room**

The ambient temperature shall be maintained at 90.0 ±1 °F. (32.2 ± 0.6 °C.)

**2.Power supply**

The electrical power supply shall be 115 ± 1 V, 60 Hz at the product service connection. The actual voltage shall be maintained and recorded throughout the test. Instantaneous voltage fluctuations caused by the turning on or off of electrical components shall not be considered.

**3. Supply voltage waveform**

The total harmonic content of the supply voltage when supplying the appliance under test in the specified mode shall not exceed 2 %; harmonic content is defined as the root-mean-square (r.m.s.) summation of the individual components using the fundamental as 100 %.

**4. Power measurement accuracy**

Precision measurement of energy consumption shall be made with a precision equal to the greater of 0.1 Watt-hour or 1% of full-scale measurement.

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