

## TEST REPORT



REPORT NO.:CTNT230726027R

Product name: Car Refrigerator

Model No.: VX28

Applicant: Nanjing Hongyuan Renewable Energy Technology Co., Ltd

Test procedure: Entrustment Inspection

Shenzhen Zhongwei Testing Technology Co., Ltd.



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E-mail: admin@ctnt-cert.com

Web: www.ctnt-cert.com

<b>TEST REPORT</b> <b>§ 1605. Energy Performance, Energy Design, Water Performance, and Water Design</b> <b>Standards: In Ge...</b> <b>20 CA ADC § 1605</b> <b>Barclays Official California Code of Regulations</b>	
<b>Report Number.....</b>	CTNT230726027R
<b>Date of issue .....</b>	Aug.28,2023
<b>Name of Testing Laboratory preparing the Report .....</b>	Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com
<b>Applicant's name .....</b>	Nanjing Hongyuan Renewable Energy Technology Co., Ltd
<b>Address.....</b>	ROOM 5012 NanYou RD ,Jiangning District,Nanjing,China
<b>Test specification:</b>	
<b>Standard .....</b>	§ 1605.1. Federal and State Standards for Federally Regulated Appliances. § 1605.3. State Standards for Non-Federally Regulated Appliances.
<b>Test procedure.....</b>	10 C.F.R. sections 430.23(a) (Appendix A to subpart B of part 430) and 430.23(b) (Appendix B to subpart B of part 430).
<b>Non-standard test method .....</b>	N/A
<b>Test Report Form No. ....</b>	CEC-BX-RRF
<b>Test Report Form(s) Originator ....</b>	1.0
<b>Master TRF .....</b>	CTNT
<b>General disclaimer:</b>	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.</p>	

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<b>Test item description</b> ..... :		Car Refrigerator	
<b>Model/Type reference</b> ..... :		VX28	
<b>Trade Mark</b> ..... :		ACOPOWER/LIONCOOLER	
<b>Ratings</b> ..... :		12V/24V=	
<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>			
<b>Laboratory Name</b>		Shenzhen Zhongwei 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> ..... :		Steve Zhou	
<b>Reviewed By(Supervisor)</b> .....		Airan Lu	
<b>Approved by(Chief Engineer)</b> ..... :		Flight Lee	
			
<b>Summary of testing:</b>			
<b>Tests performed (name of test and test clause):</b> 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 20 CA ADC § 1605.		<b>Testing location:</b> Shenzhen Zhongwei Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@cnt-cert.com Web: www.cnt-cert.com	
<b>General conditions for measurements:</b>			
<b>1. Test Room</b> The ambient temperature shall be maintained at 90.0 ±1 °F. (32.2 ± 0.6 °C.)			
<b>2. Power supply</b> 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.			
<b>3. Supply voltage waveform</b> 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 %.			
<b>4. Power measurement accuracy</b> 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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