

## TEST REPORT

REPORT NO.: CTNT2412310100101



Product name: Laser welding machine

Model No.: REDSABRE-300CP

Applicant: NANTONG FREE MECHANTRONIC CO.,LTD

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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**TEST REPORT****IEC 60825-1****Safety of laser products – Part 1:  
Equipment classification and requirements****Report Number** ..... : CTNT2412310100101**Date of issue** ..... : January 18, 2025

**Name of Testing Laboratory**  
**preparing the Report**..... : Shenzhen Zhongwei Testing Technology Co., Ltd.  
 Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street,  
 Longgang District, Shenzhen, Guangdong, China  
 Tel: 086-13662574496  
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**Applicant's name** ..... : NANTONG FREE MECHANTRONIC CO.,LTD**Address** ..... : 269 XINSHENG ROAD CHONGCHUAN NANTONG JIANGSU CHINA**Manufacturer's name** ..... : NANTONG FREE MECHANTRONIC CO.,LTD**Address** ..... : 269 XINSHENG ROAD CHONGCHUAN NANTONG JIANGSU CHINA**Test specification:****Standard** ..... : IEC 60825-1: 2014**Test procedure** ..... : Type Test**Non-standard test method** ..... : N/A**Test Report Form No.** ..... : IEC60825\_1G**Test Report Form(s) Originator** .... : OVE**Master TRF** ..... : Dated 2021-10-05**General disclaimer:**

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

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**Test item description** ..... : Laser welding machine**Trade Mark** ..... : EVERLAST**Model/Type reference** ..... : REDSABRE-300CP, REDSABRE-200CP**Ratings** ..... : 120/240V~ 50/60Hz 1kW

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<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>	Andrea Xie	
<b>Reviewed by(Supervisor) .....</b>	Oliver Long	
<b>Approved by(Chief Engineer) .....</b>	Flight Lee	
<b>List of Attachments (including a total number of pages in each attachment):</b> - Photo document - Test data graph		
<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. According to the test of IEC 60825-1: 2014 Safety of laser products – Part 1: Equipment classification and requirements. <b>This product complied with the requirements of Class 4.</b>	<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: Web: www.ctnt-cert.com	
<b>Test item particulars .....</b>		
<b>Classification of installation and use: .....</b>	transportable / portable / stationary / mobile / fixed / permanently installed / hand-held	
<b>Supply Connection.....:</b>	internally powered / permanently installed / appliance coupler / non-detachable cord /	
<b>laser Class as defined in 3.44 and 3.18 through 3.24 of IEC 60825-1:2014.....:</b>	Class 1, 1C, 1M, 2, 2M, 3R, 3B, or 4	
<b>laser output (power or energy).....:</b>	See below	
<b>Accessories and detachable parts included in the evaluation .....</b>	N/A	
<b>Options included .....</b>	N/A	

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