

TEST REPORT

REPORT NO.: CTNT2412310100301



Product name: Laser welding machine

Model No.: REDSABRE-500CP

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** CTNT2412310100301**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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The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.

Test item description Laser welding machine**Trade Mark** EVERLAST**Model/Type reference** REDSABRE-500CP**Ratings** 120/240V~ 50/60Hz 1kW

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Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
Laboratory Name	Shenzhen Zhongwei Testing Technology Co., Ltd.	
Testing location/ address.....:	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Tested by(Test Engineer)	Andrea Xie	
Reviewed by(Supervisor)	Oliver Long	
Approved by(Chief Engineer)	Flight Lee	
List of Attachments (including a total number of pages in each attachment): - Photo document - Test data graph		
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. According to the test of IEC 60825-1: 2014 Safety of laser products – Part 1: Equipment classification and requirements. This product complied with the requirements of Class 4.	Testing location: 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	
Test item particulars		
Classification of installation and use:	transportable / portable / stationary / mobile / fixed / permanently installed / hand-held	
Supply Connection.....:	internally powered / permanently installed / appliance coupler / non-detachable cord /	
laser Class as defined in 3.44 and 3.18 through 3.24 of IEC 60825-1:2014.....:	Class 1, 1C, 1M, 2, 2M, 3R, 3B, or 4	
laser output (power or energy)	See below	
Accessories and detachable parts included in the evaluation	N/A	
Options included	N/A	

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