

TEST REPORT

REPORT NO.: CTNT2410260020101



Product name : rotary laser

Model No : 500 series

Applicant : Tianhui Electric (Suzhou) Co., Limited

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.....: CTNT2410260020101

Date of issue.....: November 25, 2024

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
E-mail: admin@ctnt-cert.com
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Applicant's name.....: Tianhui Electric (Suzhou) Co., Limited.

Address.....: NO.1801 Pangjin Road,Wujiang Economic and Eechnological
Development Zone,Suzhou City,Jiangsu Province,China.

Manufacturer's name.....: Tianhui Electric (Suzhou) Co., Limited.

Address.....: NO.1801 Pangjin Road,Wujiang Economic and Eechnological
Development Zone,Suzhou City,Jiangsu Province,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.....: rotary laser

Trademark.....: M/A

Model/Type reference.....: 500 series

Ratings.....: 16.8V \approx 1A

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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).....: | East Zheng | <i>East Zheng</i> |
| Reviewed by (Supervisor).....: | Oliver Long | <i>Oliver Long</i> |
| Approved by (Chief Engineer).....: | Flight Lee | <i>Flight Lee</i> |
| List of Attachments (including a total number of pages in each attachment) - Test data graph, Photo document | | |
| 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 Safety of laser products – Part 1 Equipment classification and requirements. This product complied with the requirements of Class 2. | 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: admin@cntnt-cert.com Web: www.cntnt-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 / 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 | |

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