

TEST REPORT

REPORT NO.: CTNT2501020110901



Product name : Bambu Lab Laser Module 40W

Model No : SL002

Applicant : Shenzhen TuoZhu Technology Co., Ltd.

Test procedure : Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



TEST REPORT
AS/NZS IEC 60825.1: 2014
Safety of laser products –Part 1:
Equipment classification and requirements

Report Number.....: CTNT2501020110901

Date of issue.....: Mar. 5, 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.....: Shenzhen Tuozhu Technology Co., Ltd.

Address.....: Room 201, Building A, No. 1 First Qianwan Road, Qianhai Shengang
Cooperation Zone, Shenzhen.

Manufacturer's name.....: Shenzhen Tuozhu Technology Co., Ltd.

Address.....: Room 201, Building A, No. 1 First Qianwan Road, Qianhai Shengang
Cooperation Zone, Shenzhen.

Test specification:

Standard.....: AS/NZS IEC 60825.1: 2014

Test procedure.....: Type Test

Non-standard test method.....: N/A

Test Report Form No.....: AS/NZS IEC 60825.1_1G

Test Report Form(s) Originator.....: CTNT

Master TRF.....: Dated 2024-11-19

General disclaimer:

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

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.

Test item description.....: Bambu Lab Laser Module 40W

Trademark.....: bambulab

Model/Type reference.....: SL002

Ratings.....: 24V $\overline{\text{---}}$ 6A

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

Tel: 0755-28680489

E-mail: admin@ctnt-cert.com

Web: www.ctnt-cert.com

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	
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 AS/NZS 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: admin@ctnt-cert.com 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 AS/NZS 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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