





TEST REPORT

REPORT NO.: CTNT2411120050101



Product name: Q Switched Nd: YAG Laser machine

Model No.: LFS-C13E

Applicant: Sanhe LEFIS Electronics Co., Ltd.

Test procedure: Type Test

Shenzhen Zhongweige echnology Co., Ltd.



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TEST REPORT IEC 60825-1

Safety of laser products – Part 1: Equipment classification and requirements

Report Number.: CTNT2411120050101

Date of issue...... January 3, 2025

Shenzhen Zhongwei Testing Technology Co., Ltd.

Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street,

Name of Testing Laboratory

Longgang District, Shenzhen, Guangdong, China

preparing the Report...... Tel: 086-13662574496

E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com

Applicant's name Sanhe LEFIS Electronics Co., Ltd.

Building 11 #1-101, Phase 1, Zhongnan High tech. Yanjiao Science

and Technology Innovation Smart Valley Industrial Park 1, South Side

of Liushan Street and West Side of Gushan West Road, Yanjiao High

tech Zone, Sanhe City, Langfang City, Hebei Province, China

Manufacturer's name Sanhe LEFIS Electronics Co., Ltd.

Building 11 #1-101, Phase 1, Zhongnan High tech. Yanjiao Science

and Technology Innovation Smart Valley Industrial Park 1, South Side

of Liushan Street and West Side of Gushan West Road, Yanjiao High

tech Zone, Sanhe City, Langfang City, Hebei Province, China

Test specification:

Standard.....: IEC 60825-1: 2014

Test procedure: Type Test

Non-standard test method: N/A

Address....:

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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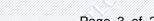
Trade Mark: N/A

Model/Type reference: LFS-C13E

Ratings: 230V~ 50Hz 1200VA

Tel: 0755-28680489 E-mail: admin@ctnt-cert.com

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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	Andrea Xie
Reviewed by(Supervisor):	Oliver Long	TENNOMECH
Approved by(Chief Engineer):	Flight Lee	CTNT

- 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:

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lest 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 Class—1, 1C, 1M, 2, 2M, 3R, 3B, or 4 of IEC 60825-1:2014.....

laser output (power or energy).....: 1064nm:

Maximum 800mJ (Adjusted 200-800mJ step 100mJ)

532nm:

Maximum 250mJ (Adjusted 80-100mJ step 20mJ,

Adjusted 100-250mJ step 50mJ)

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