

TEST REPORT



REPORT NO: CTNT231017009(A1)

Product name: PL detection module

Model No.: PLCF12L230H001

Applicant: Suzhou Maxwell Technology Co., Ltd.

Test procedure: Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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E-mail: admin@cnt-cert.com

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TEST REPORT
IEC 60825-1
Safety of laser products – Part 1:
Equipment classification and requirements

Report Number.....: CTNT231017009(A1)

Date of issue.....: October 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
Web: www.ctnt-cert.com

Applicant's name.....: Suzhou Maxwell Technology Co., Ltd

Address.....: No. 228, Ludang Road, Wujiang District, Suzhou City, Jiangsu
Province

Manufacturer's name.....: Suzhou Maxwell Technology Co., Ltd

Address.....: No. 228, Ludang Road, Wujiang District, Suzhou City, Jiangsu
Province

Test specification:

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

Test procedure.....: Entrustment Inspection

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.


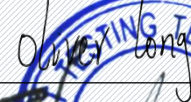

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Test item description : PL detection module	
Trade Mark : N/A	
Device model : PLCF12L230H001	
Internal laser model : MY-80810-50W-P-01	
Internal laser model : MY-80810-90W-P-01	
Ratings : 220V~ 50Hz	
Responsible Testing Laboratory (as applicable), 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 
Reviewed by (Supervisor) :	Oliver Long 
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 IEC 60825-1 Safety of laser products – Part 1: Equipment classification and requirements. The laser emitted by this product through the protective cover is classified as Class 1.	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
laser Class as defined in 3.44 and 3.18 through 3.24 Class 1, 1C, 1M, 2, 2M, 3R, 3B, or 4	

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