



Ref. Certif. No.

DE 2-029759-M1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

LED Driver

Name and address of the applicant

TIANCHANG FUAN ELECTRONIC CO., LTD.
286 Renmin East Road
Renhe Town, Tianchang City, 239331 Anhui, P.R. China

Name and address of the manufacturer

TIANCHANG FUAN ELECTRONIC CO., LTD.
286 Renmin East Road
Renhe Town, Tianchang City, 239331 Anhui, P.R. China

Name and address of the factory

Fu'an Electronics (Nantong) Co., Ltd.
High-tech Pioneer Park, 288 Changjiang
Xi Road, Hai'an, Jiangsu, P.R. China

Ratings and principal characteristics

Input: 220V-240V~, 50/60Hz, SELV, Independent, ta: 50°C,
tc:90°C, class II
For details, refer to test report

Trademark (if any)

PAIRUI

Customer's Testing Facility (CTF) Stage used

N/A

Model / Type Ref.

PEFH025C0aNSLPG1 PEFH030C0bNSLPG1 PEFH035C0cNSLPG1
PEFH040C0dNSLPG1 PEFH045C0eNSLPG1 PEKH025C0aNSLPG1
PEKH030C0bNSLPG1 PEKH035C0fNSLPG1 PEKH040C0gNSLPG1
For details, refer to page 2.

Additional information (if necessary may also be reported on page 2)

Re-issue of DE 2-029759 dated on 30.12.2020 due to technical modification.

A sample of the product was tested and found to be in conformity with

IEC 61347-2-13:2014+A1
IEC 61347-1:2015+A1
See Test Report for National Differences

As shown in the Test Report Ref. No. which forms part of this Certificate

CN20V9N6 002

This CB Test Certificate is issued by the National Certification Body



TÜVRheinland®

TÜV Rheinland LGA Products GmbH
Tillystr. 2, 90431 Nürnberg, Germany
Phone + 49 221 806-1371
Fax + 49 221 806-3935
Mail: cert-validity@de.tuv.com
Web : www.tuv.com

Date: 2021-07-15

Signature:

Hongyan Yu

1. Fu'an Electronics (Nantong) Co., Ltd.
High-tech Pioneer Park, 288 Changjiang
Xi Road, Haian,
Jiangsu
P.R. China

Additional information (if necessary)

Report Ref. No. : CN20V9N6 002

PEKH045C0eNSLPG1

a=300, 400, 450, 500, 550, 600

b=300, 350, 400, 500, 550, 650, 700

c=350, 450, 600, 730, 750, 760, 800

d=400, 500, 650, 700, 850, 900

e=550, 750, 950, 1000, 1050, 1100

f=350, 450, 600, 720, 730, 740, 750, 760, 800

g=400, 500, 650, 700, 850, 900, 920, 930, 940, 950



Date: 2021-07-15

Signature:

Hongyan Yu

C E R T I F I C A T E

of Conformity

EC Council Directive 2014/30/EU

Electromagnetic Compatibility



Registration No.: AE 50514319 0001

Report No.: CN21NFQQ 001

Holder: **TIANCHANG FUAN ELECTRONIC CO., LTD.**
286 Renmin East Road,
Renhe Town, Tianchang City,
239331 Anhui
P.R. China

Product: Electronic controlgear for LED module
(LED Driver)

Identification: PEKH025C0300NSLPG1
PEKH025C0400NSLPG1
(PAIRUI)
See more type designations in attachment 1.1
Serial No.: n.a.
Remark: Refer to test report CN21NFQQ 001 for details.

Tested acc. to: EN IEC 55015:2019+A11
EN IEC 61000-3-2:2019
EN 61000-3-3:2013+A1
EN 61547:2009

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with all provisions of Annex I of Council Directive 2014/30/EU. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to the a.m. Directive.



Certification Body

Date 11.08.2021

Xinhua Lu

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may only be used if all relevant and effective EC Directives are complied with. CE

TÜV Rheinland
LGA Products GmbH
Tillystraße 2, 90431 Nürnberg

1.1

Attachment to
Registration No.: AE 50514319 0001
Report No.: CN21NFQQ 001

Manufacturer: **TIANCHANG FUAN ELECTRONIC CO., LTD.**
286 Renmin East Road,
Renhe Town, Tianshang City,
239331 Anhui
P.R. China

Scope: additional type designation:

PEKH025C0450NSLPG1	PEKH035C0760NSLPG1
PEKH025C0500NSLPG1	PEKH035C0800NSLPG1
PEKH025C0550NSLPG1	PEKH040C0400NSLPG1
PEKH025C0600NSLPG1	PEKH040C0500NSLPG1
PEKH030C0300NSLPG1	PEKH040C0650NSLPG1
PEKH030C0350NSLPG1	PEKH040C0700NSLPG1
PEKH030C0400NSLPG1	PEKH040C0850NSLPG1
PEKH030C0500NSLPG1	PEKH040C0900NSLPG1
PEKH030C0550NSLPG1	PEKH040C0920NSLPG1
PEKH030C0650NSLPG1	PEKH040C0930NSLPG1
PEKH030C0700NSLPG1	PEKH040C0940NSLPG1
PEKH035C0350NSLPG1	PEKH040C0950NSLPG1
PEKH035C0450NSLPG1	PEKH045C0550NSLPG1
PEKH035C0600NSLPG1	PEKH045C0750NSLPG1
PEKH035C0720NSLPG1	PEKH045C0950NSLPG1
PEKH035C0730NSLPG1	PEKH045C01000NSLPG1
PEKH035C0740NSLPG1	PEKH045C01050NSLPG1
PEKH035C0750NSLPG1	PEKH045C01100NSLPG1

Date: 2021-08-11



Certification Body


Xinhua Lu

TIANCHANG FUAN ELECTRONIC CO., LTD.

Date : 11.08.2021
Our ref. : ZX 01
Your ref.:

286 Renmin East Road,
Renhe Town, Tianshang City,
239331 Anhui
P.R. China

Ref : AE Certificate of Conformity EMC

Type of Equipment : LED Driver
Model Designation : See Certificate
Certificate No. : AE 50514319 0001
Report No. : CN21NFQQ 001

Dear Ladies and Gentlemen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body



Xinhua Lu

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50491164

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

01-PYY-CN20VNSP 002

27.07.2021

(day/mo/yr)

Genehmigungsinhaber *License Holder*

TIANCHANG FUAN ELECTRONIC CO., LTD.
286 Renmin East Road,
Renhe Town, Tianshang City,
239331 Anhui
P.R. China

Fertigungsstätte *Manufacturing Plant*

Fu'an Electronics (Nantong) Co., Ltd.
High-tech Pioneer Park, 288 Changjiang
Xi Road, Haian,
Jiangsu
P.R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN 61347-2-13:2014+A1

EN 61347-1:2015

EN 62493:2015

Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

Electronic Control Unit (LED Driver)

as page 0001

Addition

Type Designation	Rated Output Current
PEKH025C0aNSLPG1	amA
PEKH030C0bNSLPG1	bmA
PEKH035C0fNSLPG1	fmA
PEKH040C0gNSLPG1	gmA
PEKH045C0eNSLPG1	emA

(PAIRUI)

a=300, 400, 450, 500, 550, 600

b=300, 350, 400, 500, 550, 650, 700

e=550, 750, 950, 1000, 1050, 1100

f=350, 450, 600, 720, 730, 740, 750, 760, 800

g=400, 500, 650, 700, 850, 900, 920, 930, 940, 950

Rated Output Voltage : Refer to Appendix 1.0

Rated Output Wattage : Refer to Appendix 1.0

ANLAGE (Appendix): 1.1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety



Hongyan Yu

TIANCHANG FUAN ELECTRONIC CO., LTD.

Date : 27.07.2021

Our ref. : PYY 01

Your ref.:

286 Renmin East Road,
Renhe Town, Tianchang City,
239331 Anhui
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : LED Driver
Model Designation : See Certificate
Certificate No. : R 50491164 0002
Report No. : CN20VNSP 002

Dear Ladies and Gentlemen,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area.

With kind regards,

Certification Body


Hongyan Yu

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2014/35/EU

Registration No.: AN 50512901 0001

Report No.: CN20VNSP 002

Holder: **TIANCHANG FUAN ELECTRONIC CO., LTD.**
286 Renmin East Road,
Renhe Town, Tianchang City,
239331 Anhui
P.R. China

Product: Electronic Control Unit
(LED Driver)

Identification: PEKH025C0aNSLPG1 PEKH030C0bNSLPG1 PEKH035C0fNSLPG1
PEKH040C0gNSLPG1 PEKH045C0eNSLPG1 (PAIRUI)
a=300,400,450,500,550,600 b=300,350,400,500,550,650,700
e=550,750,950,1000,1050,1100 f=350,450,600,720,730,740,
750,760,800 g=400,500,650,700,850,900,920,930,940,950
Serial No.: n.a.

Remark: Issued in conjunction with TÜV Rheinland
license R 50491164 0002.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body



Date 27.07.2021

Hongyan Yu

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. CE

TIANCHANG FUAN ELECTRONIC CO., LTD.

Date : 27.07.2021
Our ref. : PYY 01
Your ref.:

286 Renmin East Road,
Renhe Town, Tianchang City,
239331 Anhui
P.R. China

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : LED Driver
Model Designation : See Certificate
Certificate No. : AN 50512901 0001
Report No. : CN20VNSP 002

Dear Ladies and Gentlemen,

We herewith confirm that a sample of the above mentioned technical equipment has been tested and was found to be in accordance with the relevant requirements.

Enclosed please find your Certificate of Conformity.

We appreciate your kind support and would like to offer our assistance and continuous services in the future.

With kind regards,

Certification Body


Hongyan Yu

Enclosure

证书的详细资料请登陆www.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询



中国国家强制性产品认证证书

证书编号: 2022011002450624

发证日期: 2022年02月18日

有效期至: 2027年02月17日

**认证委托人名称
及注册地址** 富安电子(南通)有限公司
海安市胡集街道长江西路288号

**产品生产者名称
及注册地址** 富安电子(南通)有限公司
海安市胡集街道长江西路288号

**生产企业名称
及生产地址** 富安电子(南通)有限公司
江苏省海安市胡集街道长江西路288号12号楼

**产品名称和系列、
规格、型号** LED 模块用交流电子控制装置(LED 控制装置,独立式,恒流模式,安全特低电压,ta:50°C,tc:90°C,
II类,IP20,适宜直接安装在普通可燃材料表面)
见附件。220-240V~ 50/60Hz

**产品标准和
技术要求** GB 17625.1-2012;GB/T 17743-2017;GB 19510.1-2009;GB 19510.14-2009

上述产品符合 CNCA-C10-01:2014 认证规则的要求,特发此证。
证书有效期内本证书的有效性依据发证机构的定期监督获得保持。
经中国合格评定国家认可委员会认可 CNAS C001-P

可通过扫描下方二维码或登录国家认监委网站(www.cnca.gov.cn)查验证书信息



签发:

谢肇煦



中国质量认证中心



中国国家强制性产品认证证书

证书编号 2022011002450624

第 1 页 共 2 页

本证书及附件应同时使用，信息查验说明见证书页

纸号：

序号	型号	输出电流	输出电压	Uout	输出功率
1	PEKH025C0300NSLPG1	300mA	50-76V	92V	22.8W
2	PEKH025C0400NSLPG1	400mA	45-65V	75V	26W
3	PEKH025C0450NSLPG1	450mA	45-65V	75V	29.25W
4	PEKH025C0500NSLPG1	500mA	30-50V	55V	25W
5	PEKH025C0550NSLPG1	550mA	30-50V	55V	27.5W
6	PEKH025C0600NSLPG1	600mA	27-42V	50V	25.2W
7	PEKH030C0300NSLPG1	300mA	70-95V	114V	28.5W
8	PEKH030C0350NSLPG1	350mA	50-76V	92V	26.6W
9	PEKH030C0400NSLPG1	400mA	50-76V	92V	30.4W
10	PEKH030C0500NSLPG1	500mA	40-55V	66V	27.5W
11	PEKH030C0550NSLPG1	550mA	40-55V	66V	30.25W
12	PEKH030C0650NSLPG1	650mA	27-42V	50V	27.3W
13	PEKH030C0700NSLPG1	700mA	27-42V	50V	29.4W
14	PEKH035C0350NSLPG1	350mA	70-95V	114V	33.25W
15	PEKH035C0450NSLPG1	450mA	50-76V	92V	34.2W
16	PEKH035C0600NSLPG1	600mA	40-55V	66V	33W
17	PEKH035C0720NSLPG1	720mA	27-42V	50V	30.24W
18	PEKH035C0730NSLPG1	730mA	27-42V	50V	30.66W



中国质量认证中心



中国国家强制性产品认证证书

证书编号 2022011002450624

第 2 页 共 2 页

本证书及附件应同时使用，信息查验说明见证书页

纸号：

19	PEKH035C0740NSLPG1	740mA	27-42V	50V	31.08W
20	PEKH035C0750NSLPG1	750mA	27-42V	50V	31.5W
21	PEKH035C0760NSLPG1	760mA	27-42V	50V	31.92W
22	PEKH035C0800NSLPG1	800mA	27-42V	50V	33.6W
23	PEKH040C0400NSLPG1	400mA	70-95V	114V	38W
24	PEKH040C0500NSLPG1	500mA	50-76V	92V	38W
25	PEKH040C0650NSLPG1	650mA	40-55V	66V	35.75W
26	PEKH040C0700NSLPG1	700mA	40-55V	66V	38.5W
27	PEKH040C0850NSLPG1	850mA	27-42V	50V	35.7W
28	PEKH040C0900NSLPG1	900mA	27-42V	50V	37.8W
29	PEKH040C0920NSLPG1	920mA	27-42V	50V	38.64W
30	PEKH040C0930NSLPG1	930mA	27-42V	50V	39.06W
31	PEKH040C0940NSLPG1	940mA	27-42V	50V	39.48W
32	PEKH040C0950NSLPG1	950mA	27-42V	50V	39.9W
33	PEKH045C0550NSLPG1	550mA	50-76V	92V	41.8W
34	PEKH045C0750NSLPG1	750mA	40-55V	66V	41.25W
35	PEKH045C0950NSLPG1	950mA	30-45V	50V	42.75W
36	PEKH045C1000NSLPG1	1000mA	27-42V	50V	42W
37	PEKH045C1050NSLPG1	1050mA	27-42V	50V	44.1W
38	PEKH045C1100NSLPG1	1100mA	27-42V	50V	46.2W

输入：220-240V~ 50/60Hz



中国质量认证中心



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NO.: 2022011002450624

Valid from: Feb.18,2022

Valid until: Feb.17,2027

**NAME AND REGISTERED
ADDRESS OF THE APPLICANT**

FUAN ELECTRONICS (NANTONG) CO.,LTD
288 Changjiang West Road, Huji Street, Hai'an City, Nantong, Jiangsu

**NAME AND REGISTERED
ADDRESS OF THE
MANUFACTURER**

FUAN ELECTRONICS (NANTONG) CO.,LTD
288 Changjiang West Road, Huji Street, Hai'an City, Nantong, Jiangsu

**NAME AND LOCATION
OF THE FACTORY**

FUAN ELECTRONICS (NANTONG) CO.,LTD
Building 12, 288 Changjiang West Road, Huji Street, Hai 'an City, Jiangsu Province

PRODUCT MODEL(S)

A.C. Supplied Electronic Controlgear For LED Modules (Independent, Constant Current Mode, SELV,
ta:50°C, tc:90°C, ClassII, IP20, Suitable For Direct Mounting On Normally Flammable Material)
See Appendix. 220-240V ~ 50/60Hz

**STANDARDS AND
TECHNICAL REQUIREMENTS**

GB 17625.1-2012;GB/T 17743-2017;GB 19510.1-2009;GB 19510.14-2009

This is to certify that the above mentioned product(s) complies with the requirements of implementation rules for compulsory certification(REFNO. CNCA-C10-01:2014)

The validity of the certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

Accredited by China National Accreditation Service for Conformity Assessment CNAS C001-P

The certificate information is available through the QR code below or CNCA's website: www.cnca.gov.cn



SIGNATURE:

谢肇煦



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NO. : 2022011002450624

page 1 of 3

paper:

This certificate and attachments shall be used at the same time, and the verification instructions can be found in the main certificate.

序号	型号	输出电流	输出电压	Uout	输出功率
1	PEKH025C0300NSLPG1	300mA	50-76V	92V	22.8W
2	PEKH025C0400NSLPG1	400mA	45-65V	75V	26W
3	PEKH025C0450NSLPG1	450mA	45-65V	75V	29.25W
4	PEKH025C0500NSLPG1	500mA	30-50V	55V	25W
5	PEKH025C0550NSLPG1	550mA	30-50V	55V	27.5W
6	PEKH025C0600NSLPG1	600mA	27-42V	50V	25.2W
7	PEKH030C0300NSLPG1	300mA	70-95V	114V	28.5W
8	PEKH030C0350NSLPG1	350mA	50-76V	92V	26.6W
9	PEKH030C0400NSLPG1	400mA	50-76V	92V	30.4W
10	PEKH030C0500NSLPG1	500mA	40-55V	66V	27.5W
11	PEKH030C0550NSLPG1	550mA	40-55V	66V	30.25W
12	PEKH030C0650NSLPG1	650mA	27-42V	50V	27.3W
13	PEKH030C0700NSLPG1	700mA	27-42V	50V	29.4W
14	PEKH035C0350NSLPG1	350mA	70-95V	114V	33.25W
15	PEKH035C0450NSLPG1	450mA	50-76V	92V	34.2W
16	PEKH035C0600NSLPG1	600mA	40-55V	66V	33W
17	PEKH035C0720NSLPG1	720mA	27-42V	50V	30.24W



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NO. : 2022011002450624

page 2 of 3

paper:

This certificate and attachments shall be used at the same time, and the verification instructions can be found in the main certificate.

18	PEKH035C0730NSLPG1	730mA	27-42V	50V	30.66W
19	PEKH035C0740NSLPG1	740mA	27-42V	50V	31.08W
20	PEKH035C0750NSLPG1	750mA	27-42V	50V	31.5W
21	PEKH035C0760NSLPG1	760mA	27-42V	50V	31.92W
22	PEKH035C0800NSLPG1	800mA	27-42V	50V	33.6W
23	PEKH040C0400NSLPG1	400mA	70-95V	114V	38W
24	PEKH040C0500NSLPG1	500mA	50-76V	92V	38W
25	PEKH040C0650NSLPG1	650mA	40-55V	66V	35.75W
26	PEKH040C0700NSLPG1	700mA	40-55V	66V	38.5W
27	PEKH040C0850NSLPG1	850mA	27-42V	50V	35.7W
28	PEKH040C0900NSLPG1	900mA	27-42V	50V	37.8W
29	PEKH040C0920NSLPG1	920mA	27-42V	50V	38.64W
30	PEKH040C0930NSLPG1	930mA	27-42V	50V	39.06W
31	PEKH040C0940NSLPG1	940mA	27-42V	50V	39.48W
32	PEKH040C0950NSLPG1	950mA	27-42V	50V	39.9W
33	PEKH045C0550NSLPG1	550mA	50-76V	92V	41.8W
34	PEKH045C0750NSLPG1	750mA	40-55V	66V	41.25W
35	PEKH045C0950NSLPG1	950mA	30-45V	50V	42.75W
36	PEKH045C1000NSLPG1	1000mA	27-42V	50V	42W
37	PEKH045C1050NSLPG1	1050mA	27-42V	50V	44.1W
38	PEKH045C1100NSLPG1	1100mA	27-42V	50V	46.2W



CHINA QUALITY CERTIFICATION CENTRE



CERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

CERTIFICATE NO. : 2022011002450624

page 3 of 3

paper:

This certificate and attachments shall be used at the same time, and the verification instructions can be found in the main certificate.

输入: 220-240V~ 50/60Hz



CHINA QUALITY CERTIFICATION CENTRE