

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50324311

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0001

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue
(day/mo/yr)

02-sunarcher- 17052934 001 09.12.2015

Genehmigungsinhaber *License Holder*

SHENZHEN KING WATT
OPTO-ELECTRONICS CO., LTD.
Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
Shiyan Town, Bao'an District,
Shenzhen
P.R. China

Fertigungsstätte *Manufacturing Plant*

SHENZHEN KING WATT
OPTO-ELECTRONICS CO., LTD.
Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
Shiyan Town, Bao'an District,
Shenzhen
P.R. China

Prüfzeichen *Test Mark*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 2000000000

Geprüft nach *Tested acc. to*

EN 61347-1:2008+A1+A2
EN 61347-2-13:2014
EN 62493:2010

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Electronic Convertor (LED dimmable driver)

Type Designation	Output Power (Max)	Rated Output Current	
KWT Driver 53W 1000-1200mA Trcc SR	46W	1000-1200mA	8
KWT Driver 45W 820-1000mA Trcc SR	38W	820-1000mA	
KWT Driver 40W 650-820mA Trcc SR	32W	650-820mA	
KWT Driver 30W 400-650mA Trcc SR	25W	400-650mA	
KWT Driver 21W 300-450mA Trcc SR	17W	300-450mA	
KWT Driver 15W 200-300mA Trcc SR	12W	200-300mA	
KWT Driver 10W 150-200mA Trcc SR	7.5W	150-200mA	

(KWT)
Rated Voltage : AC 220-240V; 50/60Hz
Rated Output Voltage : DC 27-38V
Rated Output Voltage (Max): DC 42V
Ambient Temperature (ta) : 50°C
Case Temperature (tc) : 90°C
Construction : Independent SELV LED driver
Protection Class : II

ANLAGE (Appendix): 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)8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety



Zertifizierungsstelle

Tim Feng

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
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0002

Ihr Zeichen *Client Reference* Unser Zeichen *Our Reference* Ausstellungsdatum *Date of Issue*
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Genehmigungsinhaber *License Holder*
SHENZHEN KING WATT
OPTO-ELECTRONICS CO., LTD.
Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
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Fertigungsstätte *Manufacturing Plant*
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Zertifiziertes Produkt (Geräteidentifikation)
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Lizenzentgelte - Einheit
License Fee - Unit

Electronic Convertor (LED dimmable driver)

as page 0001

Addition

Type Designation	Output Power (Max.)	Rated Output Current
KWT Driver 80W 1200-1800mA Aecc SR	70W	1200-1800mA
KWT Driver 53W 900-1200mA Aecc SR (KWT)	46W	900-1200mA

Rated Voltage : AC 100-240V; 50/60Hz

Ambient Temperature (ta): 40°C



Zertifizierungsstelle

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Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Tim Feng

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Zertifikat

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Zertifikat Nr. *Certificate No.*
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0003

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(day/mo/yr)

Genehmigungsinhaber *License Holder*
SHENZHEN KING WATT
OPTO-ELECTRONICS CO., LTD.
Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
Shiyan Town, Bao'an District,
Shenzhen
P.R. China

Fertigungsstätte *Manufacturing Plant*
SHENZHEN KING WATT
OPTO-ELECTRONICS CO., LTD.
Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
Shiyan Town, Bao'an District,
Shenzhen
P.R. China

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*



EN 61347-1:2008+A1+A2
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EN 62493:2010

Zertifiziertes Produkt *(Geräteidentifikation)*
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Electronic Convertor (LED dimmable driver)

as page 0001

Addition

Type Designation	Output	Rated Output
	Power (Max.)	Current
KWT Driver 42W 600-950mA Aecc SR	36W	600-950mA
KWT Driver 27W 300-600mA Aecc SR	23W	300-600mA
KWT Driver 15W 150-300mA Aecc SR (KWT)	12W	150-300mA

Rated Voltage : AC 100-240V; 50/60Hz

Ambient Temperature (ta): 50°C



Zertifizierungsstelle

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
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Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Tim Feng
Tim Feng

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2006/95/EC

Registration No.: AN 50324319 0001

Report No.: 17052934 001

Holder: SHENZHEN KING WATT
OPTO-ELECTRONICS CO., LTD.
Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
Shiyan Town, Bao'an District,
Shenzhen
P.R. China

Product: Electronic Convertor
(LED dimmable driver)

Identification: KWT Driver 53W 1000-1200mA Trcc SR
KWT Driver 45W 820-1000mA Trcc SR
KWT Driver 40W 650-820mA Trcc SR
KWT Driver 30W 400-650mA Trcc SR
(KWT)
Serial No.: n.a.

Remark: Issued in conjunction with TÜV Rheinland

license R 50324311 pages 0001-0003.
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 revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, 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 III of the Directive.

Certification Body



Date 09.12.2015

Tim Feng

Tim Feng

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

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2006/95/EC

Registration No.: AN 50324319 0002

Report No.: 17052934 001

Holder: SHENZHEN KING WATT
OPTO-ELECTRONICS CO., LTD.
Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
Shiyan Town, Bao'an District,
Shenzhen
P.R. China

Product: Electronic Convertor
(LED dimmable driver)

Identification: KWT Driver 21W 300-450mA Trcc SR
KWT Driver 15W 200-300mA Trcc SR
KWT Driver 10W 150-200mA Trcc SR
KWT Driver 80W 1200-1800mA Aecc SR
(KWT)
Serial No.: n.a.

Remark: Issued in conjunction with TÜV Rheinland

license R 50324311 pages 0001-0003.
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 revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, 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 III of the Directive.

Certification Body



Date 09.12.2015


Tim Feng

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

C E R T I F I C A T E



of Conformity
Low Voltage Directive 2006/95/EC

Registration No.: AN 50324319 0003

Report No.: 17052934 001

Holder: SHENZHEN KING WATT
OPTO-ELECTRONICS CO., LTD.
Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
Shiyan Town, Bao'an District,
Shenzhen
P.R. China

Product: Electronic Convertor
(LED dimmable driver)

Identification: KWT Driver 53W 900-1200mA Aecc SR
KWT Driver 42W 600-950mA Aecc SR
KWT Driver 27W 300-600mA Aecc SR
KWT Driver 15W 150-300mA Aecc SR
(KWT)
Serial No.: n.a.

Remark: Issued in conjunction with TÜV Rheinland

license R 50324311 pages 0001-0003.
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 revision of Annex I of Council Directive 2006/95/EC, in its latest amended version, 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 III of the Directive.

Certification Body



Date 09.12.2015

A handwritten signature in blue ink that reads 'Tim Feng'.

Tim Feng

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

SHENZHEN KING WATT OPTO-ELECTRONICS
CO., LTD.

Date : 10.12.2015
Our ref. : sunarcher 02
Your ref.:

Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
Shiyan Town, Bao'an District,
Shenzhen
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : LED dimmable driver
Model Designation : See Certificate
Certificate No. : R 50324311 0001
Report No. : 17052934 001

Dear Ladies and Gentlemen,

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

Enclosed you will find the certificate of approval.

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

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

Please contact our office for approval of your new products.

With kind regards,

Certification Body


Tim Feng

Enclosure

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

SHENZHEN KING WATT OPTO-ELECTRONICS
CO., LTD.

Date : 10.12.2015
Our ref. : sunarcher 02
Your ref.:

Bld A1, Zhongtai IT Park No. 2 of
Dezheng Road, Shilongzai Block,
Shiyan Town, Bao'an District,
Shenzhen
P.R. China

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : LED dimmable driver
Model Designation : See Certificate
Certificate No. : AN 50324319 0001
Report No. : 17052934 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


Tim Feng

Enclosure

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