

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50334512

Blatt *Page*
0001

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

02-lijack-17050844 003 14.03.2016 (day/mo/yr)

Genehmigungsinhaber *License Holder*

Energy Recovery Products (Zhuhai)
Co., Ltd.
No.8, Pingdong Road 2, Nanping
Science Park
Zhuhai, Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*

Energy Recovery Products (Zhuhai)
Co., Ltd.
No.8, Pingdong Road 2, Nanping
Science Park
Zhuhai, Guangdong
P.R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN 61347-1:2008+A1+A2

EN 61347-2-13:2014

Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

Electronic Convertor (LED driver)

Type Designation	Output Current Range	Output Power (Max)
ESS010A-XXXX-VV-YYYYY-ZZZZZ	150-1100mA	10W
ESS015A-XXXX-VV-YYYYY-ZZZZZ	200-1100mA	15W
ESS020A-XXXX-VV-YYYYY-ZZZZZ	200-1100mA	20W
ESS030A-XXXX-VV-YYYYY-ZZZZZ	300-1100mA	30W
ESM010A-XXXX-VV-YYYYY-ZZZZZ	150-1400mA	10W
ESM020A-XXXX-VV-YYYYY-ZZZZZ	200-1400mA	20W
ESM030A-XXXX-VV-YYYYY-ZZZZZ	300-1400mA	30W
ESM040A-XXXX-VV-YYYYY-ZZZZZ	400-1400mA	40W
ESM050A-XXXX-VV-YYYYY-ZZZZZ	500-1400mA/500-1200mA	48W/50W
ESP010A-XXXX-VV-YYYYY-ZZZZZ	150-1400mA	10W
ESP020A-XXXX-VV-YYYYY-ZZZZZ	200-1400mA	20W
ESP030A-XXXX-VV-YYYYY-ZZZZZ	300-1400mA	30W
ESP040A-XXXX-VV-YYYYY-ZZZZZ	400-1400mA	40W
ESP050A-XXXX-VV-YYYYY-ZZZZZ	500-1400mA/500-1200mA	48W/50W

(ERP)

Continuation



8

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.

Zertifizierungsstelle

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

Tim Feng

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50334512

Blatt *Page*
0002

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum <i>Date of Issue</i>
	02-lijack-17050844 003	14.03.2016 (day/mo/yr)

Genehmigungsinhaber *License Holder*

Energy Recovery Products (Zhuhai)
Co., Ltd.
No.8, Pingdong Road 2, Nanping
Science Park
Zhuhai, Guangdong
P.R. China

Fertigungsstätte *Manufacturing Plant*

Energy Recovery Products (Zhuhai)
Co., Ltd.
No.8, Pingdong Road 2, Nanping
Science Park
Zhuhai, Guangdong
P.R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

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

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

Lizenzentgelte - Einheit *License Fee - Unit*

Electronic Convertor (LED driver)

Continued on page 0002

(A = W or E)
(XXXX= 4 digits, indicating output
current in mA, and current step is 50mA.)
(VV= 2 digits, means max. rated output
(YYYY: Y= 0-9, A-Z, or blank)
voltage.)
(ZZZZ: Z= 0-9, A-Z, or blank)
Rated Input Voltage : AC 220-240V; 50/60Hz
Output Voltage (Max) : DC 60V
Case Temperature(tc) : 90°C
Construction : Built-in SELV controlgear



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.

Zertifizierungsstelle

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

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 50334583 0001

Report No.: 17050844 003

Holder: Energy Recovery Products (Zhuhai)
Co., Ltd.
No.8, Pingdong Road 2, Nanping
Science Park
Zhuhai, Guangdong
P.R. China

Product: Electronic Convertor
(LED driver)

Identification: ESS010A-XXXX-VV-YYYYY-ZZZZZ ESS015A-XXXX-VV-YYYYY-ZZZZZ
ESS020A-XXXX-VV-YYYYY-ZZZZZ ESS030A-XXXX-VV-YYYYY-ZZZZZ
ESM010A-XXXX-VV-YYYYY-ZZZZZ (ERP)
For detail of the variables A, XXXX, VV, YYYYY and ZZZZZ
refer to TÜV Rheinland license R 50334512 pages 0001-0002.
Serial No.: n.a.

Remark: Issued in conjunction with above TÜV Rheinland
license R 50334512 pages 0001-0002.

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 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 14.03.2016

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 50334583 0002

Report No.: 17050844 003

Holder: Energy Recovery Products (Zhuhai)
Co., Ltd.
No.8, Pingdong Road 2, Nanping
Science Park
Zhuhai, Guangdong
P.R. China

Product: Electronic Convertor
(LED driver)

Identification: ESM020A-XXXX-VV-YYYY-ZZZZZ ESM030A-XXXX-VV-YYYY-ZZZZZ
ESM040A-XXXX-VV-YYYY-ZZZZZ ESM050A-XXXX-VV-YYYY-ZZZZZ
ESP010A-XXXX-VV-YYYY-ZZZZZ (ERP)
For detail of the variables A, XXXX, VV, YYYY and ZZZZZ
refer to TÜV Rheinland license R 50334512 pages 0001-0002.
Serial No.: n.a.

Remark: Issued in conjunction with above TÜV Rheinland
license R 50334512 pages 0001-0002.

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 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 14.03.2016

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 50334583 0003

Report No.: 17050844 003

Holder: Energy Recovery Products (Zhuhai)
Co., Ltd.
No.8, Pingdong Road 2, Nanping
Science Park
Zhuhai, Guangdong
P.R. China

Product: Electronic Converter
(LED driver)

Identification: ESP020A-XXXX-VV-YYYYY-ZZZZZ ESP030A-XXXX-VV-YYYYY-ZZZZZ
ESP040A-XXXX-VV-YYYYY-ZZZZZ ESP050A-XXXX-VV-YYYYY-ZZZZZ
(ERP)

For detail of the variables A, XXXX, VV, YYYYY and ZZZZZ
refer to TÜV Rheinland license R 50334512 pages 0001-0002.
Serial No.: n.a.

Remark: Issued in conjunction with above TÜV Rheinland
license R 50334512 pages 0001-0002.

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 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 14.03.2016

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

Energy Recovery Products (Zhuhai)
Co., Ltd.

Date : 14.03.2016
Our ref. : lijack 02
Your ref.:

No.8, Pingdong Road 2, Nanping
Science Park
Zhuhai, Guangdong
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : LED driver
Model Designation : See Certificate
Certificate No. : R 50334512 0001
Report No. : 17050844 003

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.certipedia.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Energy Recovery Products (Zhuhai)
Co., Ltd.

Date : 14.03.2016
Our ref. : lijack 02
Your ref.:

No.8, Pingdong Road 2, Nanping
Science Park
Zhuhai, Guangdong
P.R. China

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : LED driver
Model Designation : See Certificate
Certificate No. : AN 50334583 0001
Report No. : 17050844 003

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

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