

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
CC 50427096

Blatt *Sheet*
0003

Ihr Zeichen *Client Reference*
L.Y.L.

Unser Zeichen *Our Reference*
ZC10-ZCH-50226176 003

Ausstellungsdatum *Date of Issue*
12.08.2022
(day/mo/yr)

Genehmigungsinhaber *License Holder*

Ningbo Snappy
Optoelectronics Co., Ltd.
No.1228 Jianlan Road,
National Hi-tech Park of Ningbo,
315040 Zhejiang
P.R. China

Fertigungsstätte *Manufacturing Plant*

Ningbo Snappy
Optoelectronics Co., Ltd.
No.1228 Jianlan Road,
National Hi-tech Park of Ningbo,
315040 Zhejiang
P.R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN IEC 55015:2019+A11
EN 61547:2009
EN IEC 61000-3-2:2019+A1
EN 61000-3-3:2013+A1+A2

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

**Lizenzentgelte - Einheit
*License Fee - Unit***

Elektronische Steuerung (LED Power Supply)

wie Blatt (as page) 0001

Änderung
(Change)

Prüfgrundlage : Siehe oben
(Test Requirements) (See above)

Adresse der Genehmigungsinhabers: Siehe oben
(Address of License Holder) (See above)

Adresse der Fertigungsstätte : Siehe oben
(Address of Factory) (See above)

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.
This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg
<http://www.tuv.com/safety> E-mail: markcheck@tuv.com
Fax: +49 221 806-3935



Zertifizierungsstelle

P. Wang
Peter Wang

Ningbo Snappy Optoelectronics Co.,
Ltd.
Liu Yuanli

Date : 12.08.2022
Our ref. : ZCH ZC10
Your ref.: L.Y.L.

No.1228 Jianlan Road,
National Hi-tech Park of Ningbo,
315040 Zhejiang
P.R. China

Ref : CC EMV/EMC Zertifikat

Type of Equipment : LED Power Supply
Model Designation : See Certificate
Certificate No. : CC 50427096 0003
Report No. : 50226176 003

Dear Liu Yuanli,

Enclosed please find your EMC Certificate and your Test Report for the above mentioned product.

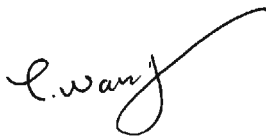
If cancellation of the certificate is submitted by November 15 in a given year, no fee will be charged for the following year.

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

Peter Wang



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

EC Council Directive 2014/30/EU
Electromagnetic Compatibility



Registration No.: AE 50554834 0001

Report No.: 50226176 003

Holder: Ningbo Snappy
Optoelectronics Co., Ltd.
No.1228 Jianlan Road,
National Hi-tech Park of Ningbo,
315040 Zhejiang
P.R. China

Product: Electronic Control Unit
(LED Power Supply)

Identification: Type Designation: SL150-12VF(UE) SL150-24VF(UE)
SL150-48VF(UE) (Snappy)
Serial No.: n.a.

Remark: Issued in conjunction with TÜV Rheinland
license CC 50427096 0001-0003.

Tested acc. to: EN IEC 55015:2019+A11
EN 61547:2009
EN IEC 61000-3-2:2019+A1
EN 61000-3-3:2013+A1+A2

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 12.08.2022


Peter Wang

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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

Ningbo Snappy Optoelectronics Co.,
Ltd.
Liu Yuanli

Date : 12.08.2022
Our ref. : ZCH ZC10
Your ref.: L.Y.L.

No.1228 Jianlan Road,
National Hi-tech Park of Ningbo,
315040 Zhejiang
P.R. China

Ref : AE Certificate of Conformity EMC

Type of Equipment : LED Power Supply
Model Designation : See Certificate
Certificate No. : AE 50554834 0001
Report No. : 50226176 003

Dear Liu Yuanli,

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

Peter Wang



Enclosure

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Ningbo Snappy Optoelectronics Co.,
Ltd.

Date : 07.03.2019
Our ref. : FF ZC10
Your ref.: C.Y.

No.56, Keda Road
National Hi-tech park of Ningbo
Zhejiang 315040
P. R. China

Ref : R TÜV-Mark Approval

Type of Equipment : LED Power Supply
Model Designation : See Certificate
Certificate No. : R 50427112 0001
Report No. : 50226671 001

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


Guoping Zheng

Enclosure

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Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50427112

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
C.Y.

Unser Zeichen *Our Reference*
ZC10-FF-50226671 001

Ausstellungsdatum *Date of Issue*
07.03.2019 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Ningbo Snappy
Optoelectronics Co., Ltd.
No.56, Keda Road
National Hi-tech park of Ningbo
Zhejiang 315040
P. R. China

Fertigungsstätte *Manufacturing Plant*
Ningbo Snappy
Optoelectronics Co., Ltd.
No.56, Keda Road
National Hi-tech park of Ningbo
Zhejiang 315040
P. R. China

Prüfzeichen *Test Mark*



Regular Production
Surveillance
Safety
Type Approved

www.tuv.com
ID 1419065387

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 Power Supply)

Type Designation	Rated Output Voltage (Constant Voltage)	Rated Output Current /Wattage	
SL150-12VF(UB)	12VDC	Max. 11A/Max.132W	6
SL150-24VF(UB) (Snappy)	24VDC	Max. 6.25A/Max.150W	

Rated Supply Voltage : 100-240VAC, 50/60Hz
ta-Information : 45°C
tc-Information : 90°C
Method of Installation : Independent
Protection Class : SELV; Class II
Short-circuit Protection: Non-inherently Short-circuit Proof
Marking : MM; 110

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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.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety



Zertifizierungsstelle

Guoping Zheng

Ningbo Snappy Optoelectronics Co.,
Ltd.

Date : 07.03.2019
Our ref. : FF ZC10
Your ref.: C.Y.

No.56, Keda Road
National Hi-tech park of Ningbo
Zhejiang 315040
P. R. China

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : LED Power Supply
Model Designation : See Certificate
Certificate No. : AN 50427113 0001
Report No. : 50226671 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

Guoping Zheng

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 50427113 0001

Report No.: 50226671 001

Holder: Ningbo Snappy
Optoelectronics Co., Ltd.
No.56, Keda Road
National Hi-tech park of Ningbo
Zhejiang 315040
P. R. China

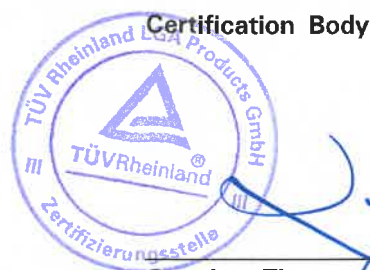
Product: Electronic Control Unit
(LED Power Supply)

Identification: Type Designation: SL150-12VF(UE) SL150-24VF(UE) (Snappy)

Serial No.: n.a.

Remark: Issued in conjunction with TÜV Rheinland
license R 50427112 0001.

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.



Date 07.03.2019

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