

# C E R T I F I C A T E



of Conformity  
Low Voltage Directive 2006/95/EC

Registration No.: AN 50228355 0001

Report No.: 14707683 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: SNP4-350ILP    SNP4-500ILP    SNP4-700ILP  
(Snappy)  
Serial No.: n.a.

Remark: Issued in conjunction with TÜV Rheinland  
license R 50228354 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 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 19.06.2012

A handwritten signature in black ink, appearing to read 'Yafei Wang', positioned above a horizontal line.  
Yafei Wang

**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

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

Ningbo Snappy Optoelectronics Co.,  
Ltd.  
Mr. Zhu Changjun

Date : 19.06.2012  
Our ref. : HCC ZC10  
Your ref.: Z.C.J.

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 50228355 0001  
Report No. : 14707683 001

Dear Mr. Zhu Changjun,

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

  
Yafei Wang

Enclosure

证书的详细资料请登陆[www.tuvdotcom.com](http://www.tuvdotcom.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 50228354

Blatt Page  
0001

Ihr Zeichen Client Reference Z.C.J.	Unser Zeichen Our Reference ZC10-HCC- 14707683 001	Ausstellungsdatum 19.06.2012	Date of Issue (day/mo/yr)
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### 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



- BAUART  
GEPRÜFT
- TYPE  
APPROVED

### Geprüft nach Tested acc. to

EN 61347-1:2008+A1  
EN 61347-2-13:2006  
EN 62493:2010

Zertifiziertes Produkt (Geräteidentifikation)  
Certified Product (Product Identification)

Lizenzentgelte - Einheit  
License Fee - Unit

Elektronische Steuerung (LED Power Supply)

Type Designation	Rated Output Current (Constant Current)	Rated Output Voltage
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SNP4-350ILP	350mA	3-12VDC
SNP4-500ILP	500mA	3-9.5VDC
SNP4-700ILP	700mA	3-6VDC

(Snappy)

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

tc-Information : 85°C

ta-Information : 50°C

Method of Installation : Built-in

Protection Class : SELV-equivalent; Class II

Short-circuit Protection : Non-inherently Short-circuit  
Proof

Marking : F; MM; 110°C

Moisture/Dust Production : IP66

The labelling requirements acc. to EU Directive 2001/95  
have to be observed for distribution within the EEA.

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

Yafei Wang

Ningbo Snappy Optoelectronics Co.,  
Ltd.

Mr. Zhu Changjun

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

Date : 19.06.2012

Our ref. : HCC ZC10

Your ref.: Z.C.J.

**Ref : R TÜV-Mark Approval**

Type of Equipment : LED Power Supply

Model Designation : See Certificate

Certificate No. : R 50228354 0001

Report No. : 14707683 001

Dear Mr. Zhu Changjun,

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

  
Yafei Wang

Enclosure

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