

C E R T I F I C A T E



of Conformity Low Voltage Directive 2006/95/EC

Registration No.: AN 50334524 0001

Report No.: 17054243 001

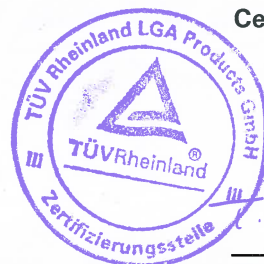
Holder: SHENZHEN HAIPENGXIN ELECTRONICS
CO., LTD
Block C3, Mingzhuo Xingye Technology
Park, 1st Industry Zone, Loucun
Community, Gongming Representative
Office, New Guangming Dist., Shenzhen
P.R. China

Product: Surge Protector
Surge Protective Device in PV Applications

Identification: Type Designation : PV20K385-MH , PV20K510-MH (HPXIN)
Serial No. : n.a.
Remark: Issued in conjunction with TÜV Rheinland license
R 50334508 page 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 11.03.2016


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 HAIPENGXIN ELECTRONICS
CO., LTD
Chen Chongjie

Date : 11.03.2016
Our ref. : liangi 02
Your ref.: C.C.J

-
Block C3, Mingzhuo Xingye
Technology
Park, 1st Industry Zone, Loucun
Community, Gongming Representative
Office, New Guangming

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Surge Protective Device in PV Applications
Model Designation : See Certificate
Certificate No. : AN 50334524 0001
Report No. : 17054243 001

Dear Chen Chongjie,


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.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 50334509 0001

Report No.: 17054243 001

Holder: SHENZHEN HAIPENGXIN ELECTRONICS
CO., LTD
Block C3, Mingzhuo Xingye Technology
Park, 1st Industry Zone, Loucun
Community, Gongming Representative
Office, New Guangming Dist., Shenzhen
P.R. China

Product: Surge Protector
Surge Protective Device in PV Applications

Identification: Type Designation : PV20K385-MH , PV20K510-MH (HPXIN)
Serial No. : n.a.
Remark: Issued in conjunction with TÜV Rheinland
license R 50334508 page 0001.
Valid from 20.04.2016.

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 11.03.2016



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 HAIPENGXIN ELECTRONICS
CO., LTD
Chen Chongjie

Date : 11.03.2016
Our ref. : liangi 02
Your ref.: C.C.J

-
Block C3, Mingzhuo Xingye
Technology
Park, 1st Industry Zone, Loucun
Community, Gongming Representative
Office, New Guangming

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Surge Protective Device in PV Applications
Model Designation : See Certificate
Certificate No. : AN 50334509 0001
Report No. : 17054243 001

Dear Chen Chongjie,

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

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Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50334508

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0001

Ihr Zeichen <i>Client Reference</i>	Unser Zeichen <i>Our Reference</i>	Ausstellungsdatum	<i>Date of Issue</i>
C.C.J	02-liangi-17054243 001	11.03.2016	(day/mo/yr)

Genehmigungsinhaber <i>License Holder</i>	Fertigungsstätte <i>Manufacturing Plant</i>
SHENZHEN HAIPENGXIN ELECTRONICS CO., LTD Block C3, Mingzhuo Xingye Technology Park, 1st Industry Zone, Loucun Community, Gongming Representative Office, New Guangming Dist., Shenzhen P.R. China	SHENZHEN HAIPENGXIN ELECTRONICS CO., LTD Block C3&C5, Mingzhuo Xingye Technology Park, 1st Industry Zone, Loucun Community, Gongming Representative Office, New Guangming District, Shenzhen P.R. China

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*
EN 50539-11:2013+A1



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Surge Protector Surge Protective Device in PV Applications

Type Designation	: 1) PV20K385-MH 2) PV20K510-MH (HPXIN)	6
Rated Supply Voltage	: 1) 500VDC, 2) 670VDC	
Maximum Continuous operating voltage (Ucpv)	: 1) 500VDC, 2) 670VDC	
Voltage protection level (Up)	: 1) 1.5kV, 2) 1.8kV	
Short-circuit current rating (Iscpv)	: 50A	
Nominal discharge current (In)	: 10kA	
Maximum discharge current (Imax)	: 20kA	
Type of SPD	: Type 2	
Location	: Indoor	
Temperatures of Operation and Storage	: -40°C to 85°C	
Altitude	: 5000m	

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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



Tim Feng

SHENZHEN HAIPENGXIN ELECTRONICS
CO., LTD
Chen Chongjie

Date : 11.03.2016
Our ref. : liangi 02
Your ref.: C.C.J

-
Block C3, Mingzhuo Xingye
Technology
Park, 1st Industry Zone, Loucun
Community, Gongming Representative
Office, New Guangming

Ref : R TÜV-Mark Approval

Type of Equipment : Surge Protective Device in PV Applications
Model Designation : See Certificate
Certificate No. : R 50334508 0001
Report No. : 17054243 001

Dear Chen Chongjie,

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