

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50562946

Blatt Sheet
0008

Ihr Zeichen Client Reference
Qingying Cui

Unser Zeichen Our Reference
01-Jiangyi-CN221JER 002

Ausstellungsdatum Date of Issue
14.08.2023 (day/mo/yr)

Genehmigungsinhaber License Holder

Ginlong technologies Co., Ltd.
No.57 Jintong Road, Binhai,
(seafront), Industrial Park,
Xiangshan Ningbo
315712 Zhejiang
P.R. China

Fertigungsstätte Manufacturing Plant

Ginlong technologies Co., Ltd.
No. 188 Jinkai Road, Binhai Industrial
Park, Xiangshan, Ningbo,
315712 Zhejiang
P.R. China

Prüfzeichen Test Mark



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111260961

Geprüft nach Tested acc. to

IEC 62109-1:2010
IEC 62109-2:2011
EN 62109-1:2010
EN 62109-2:2011

Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

PV-Inverter (Hybrid Inverter)

As pages 0001-0007
Change

Type Designation	: S6-EH1P3K-L-EU	S5-EH1P3.6K-L-EU
	S6-EH1P3K-L-BE	S5-EH1P3.6K-L-BE
Max.Output Current [Aa.c.]	: 13.6/13.0	16.4/15.7
	13.6/13.0	16.4/15.7
Max.Input Current [Aa.c.]	: 20.0	24.6
	13.6/13.0	16.4/15.7

Type Designation	: S6-EH1P4.6K-L-EU	S5-EH1P5K-L-EU
	S6-EH1P4.6K-L-BE	S5-EH1P5K-L-BE
Max.Output Current [Aa.c.]	: 20.9/20.0	22.7 /21.7
	20.9/20.0	22.7 /21.7
Max.Input Current [Aa.c.]	: 31.4	32.0
	20.9/20.0	22.7 /21.7

Type Designation : S6-EH1P6K-L-EU
Max.Output Current [Aa.c.] : 27.3/26.1

Continued on page 0009

ANLAGE (Appendix): 1.1

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

http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

A. Chen

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IEC 62109-1:2010
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Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

PV-Inverter (Hybrid Inverter)

As pages 0008 continuation
Add

4

Type Designation : S6-EH1P3K-L-WS S6-EH1P3.6K-L-WS
S6-EH1P4.6K-L-WS S6-EH1P5K-L-WS

Vmax PV [Vd.c.] : 600

Isc PV [Ad.c.] : 24*2

MPP Voltage Range [Vd.c.] : 90-520

Max. Input Current [Ad.c.] : 16*2

Overvoltage Category (OVC) : II for PV

Rated Output Volt. [Va.c.] : L/N/PE, 220/230

Rated Output Freq. [Hz] : 50/60

Rated Output Power [kW] : 3 3.6
4.6 5

Max. Output Current [Aa.c.] : 13.6/13.0 16.4/15.7

20.9/20.0 22.7 /21.7

Max. Input Current [Aa.c.] : 20.0 24.6

31.4 32.0

Power Factor : -0.8 to 0.8

Overvoltage Category (OVC) : III for AC mains

Continued on page 0010

ANLAGE (Appendix) : 1.1

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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.

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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com

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Zertifizierungsstelle

A. Chen

Zertifikat

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Zertifikat Nr. Certificate No.
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0010

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Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Inverter (Hybrid Inverter)

As pages 0009 continuation

Backup Rated Output Volt. [Va.c.] : L/N/PE, 220/230
Backup Rated Output Freq. [Hz] : 50/60
Backup Rated Output Power. [kW] : 3 3.6
4.6 5
Overvoltage Category (OVC) : II for Backup
Vmax BAT [Vd.c.] : 60
Battery Type : Li-ion/Lead-acid
Voltage Range [Vd.c.] : 40-60
Max.Charge/Discharge Current I_{max} [A] : 62.5/62.5 75/75
100/100 105/105
Overvoltage Category(OVC) : II for Battery

Continued on page 0011

ANLAGE (Appendix): 1.1

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.
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Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Inverter (Hybrid Inverter)

As pages 0010 continuation
Type Designation : S6-EH1P6K-L-WS S6-EH1P6K-L
Vmax PV [Vd.c.] : 600
Isc PV [Ad.c.] : 24*2
MPP Voltage Range [Vd.c.] : 90-520
Max. Input Current [Ad.c.] : 16*2
Overvoltage Category (OVC) : II for PV

Rated Output Volt. [Va.c.] : L/N/PE, 220/230
Rated Output Freq. [Hz] : 50/60
Rated Output Power. [kW] : 6 6
Max. Output Current. [Aa.c.] : 27.3/26.1 30.0
Max. Input Current. [Aa.c.] : 40.0 40.0
Power Factor : -0.8 to 0.8
Overvoltage Category (OVC) : III for AC mains

2

Continued on page 0012

2

ANLAGE (Appendix): 1.1

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Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Inverter (Hybrid Inverter)

As pages 0011 continuation

Backup Rated Output Volt. [Va.c.] : L/N/PE,220/230
Backup Rated Output Freq. [Hz] : 50/60
Backup Rated Output Power. [kW] : 6 6
Overvoltage Category (OVC) : II for Backup

Vmax BAT[Vd.c.] : 60
Battery Type : Li-ion/Lead-acid
Voltage Range[Vd.c.] : 40-60
Max.Charge/Discharge Current I_{max}[A] : 125/125 125/125
Overvoltage Category(OVC) : II for Battery

Continued on page 0013

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Ausstellungsdatum
14.08.2023

Date of Issue
(day/mo/yr)

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P.R. China

Fertigungsstätte Manufacturing Plant

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No. 188 Jinkai Road, Binhai Industrial
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Regular Production
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www.tuv.com
ID 1111260961

Geprüft nach Tested acc. to

IEC 62109-1:2010
IEC 62109-2:2011
EN 62109-1:2010
EN 62109-2:2011

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Inverter (Hybrid Inverter)

As pages 0012 continuation

Protective Class : Class I
Ingress Protection (IP) : IP66
Pollution Degree (PD) : PD 2 (inside) PD 3 (outside)
Altitude [m] : ≤4000
Operating Temperature [°C] : -25 to 60 (> 45 derating)
Type of Inverter : Non-isolated

Remark(s) :

The installation has to be carried out according to the attached installation instruction. Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

ANLAGE (Appendix) : 1.1

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Ginlong technologies Co., Ltd.
Qingying Cui

Date : 14.08.2023
Our ref. : Jiangyi 01
Your ref.: Qingying Cui

No.57 Jintong Road, Binhai,
(seafront), Industrial Park,
Xiangshan Ningbo
315712 Zhejiang
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : Hybrid Inverter
Model Designation : See Certificate
Certificate No. : R 50562946 0008
Report No. : CN221JER 002

Dear Qingying Cui,

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. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body


A. Chen

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

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50597830 0001

Report No.: CN221JER 002

Holder: **Ginlong technologies Co., Ltd.**
No.57 Jintong Road, Binhai,
(seafront), Industrial Park,
Xiangshan Ningbo
315712 Zhejiang
P.R. China

Product: **PV-Inverter**
(Hybrid Inverter)

Identification: Type Designation: S6-EH1P6K-L-EU S6-EH1P5K-L-EU
S6-EH1P4.6K-L-EU S6-EH1P3.6K-L-EU
S6-EH1P3K-L-EU S6-EH1P5K-L-BE
S6-EH1P4.6K-L-BE S6-EH1P3.6K-L-BE
S6-EH1P3K-L-BE S6-EH1P3K-L-WS
S6-EH1P3.6K-L-WS S6-EH1P4.6K-L-WS

Continued on page 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 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 14.08.2023




A. Chen

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.



CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50597830 0002

Report No.: CN221JER 002

Holder: Ginlong technologies Co., Ltd.
No.57 Jintong Road, Binhai,
(seafront), Industrial Park,
Xiangshan Ningbo
315712 Zhejiang
P.R. China

Product: PV-Inverter
(Hybrid Inverter)

Identification: as page 0001 continuation
Type Designation: S6-EH1P5K-L-WS S6-EH1P6K-L-WS
S6-EH1P6K-L
Serial Number : Engineering Samples
Remark(s) : Issued in conjunction with TÜV Rheinland
license R 50562946 pages 0001-0013.

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 14.08.2023



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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.



Ginlong technologies Co., Ltd.
Qingying Cui

Date : 14.08.2023
Our ref. : Jiangyi 01
Your ref.: Qingying Cui

No.57 Jintong Road, Binhai,
(seafront), Industrial Park,
Xiangshan Ningbo
315712 Zhejiang
P.R. China

Ref : AN Certificate of Conf. Low Voltage D.

Type of Equipment : Hybrid Inverter
Model Designation : See Certificate
Certificate No. : AN 50597830 0001
Report No. : CN221JER 002

Dear Qingying Cui,

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



A. Chen

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