

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
R 50554289

**Blatt Sheet**  
0001

**Ihr Zeichen Client Reference**  
CONNY AXEL H

**Unser Zeichen Our Reference**  
01-Guand-50193896 010

**Ausstellungsdatum Date of Issue**  
22.08.2022 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
Solar Solutions Products BV  
Finlandlaan 1  
2391 PV Hazerswoude-Dorp  
Netherlands

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1111257747

**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-Wechselrichter (Hybrid Inverter)

13

Type Designation : AS-ICH02-5000-2/HV AS-ICH02-6500-2/HV  
: AS-ICH02-8000-2/HV AS-ICH02-10000-2/HV  
Vmax PV [Vd.c.] : 1000  
Isc PV [Ad.c.] : 2\*21.2  
MPP Voltage Range [Vd.c.] : 200-850  
Max. Input Current [Ad.c.] : 2\*16  
Overvoltage Category (OVC) : II for PV

Rated Output Voltage [Va.c.] : 400/380, 3L/N/PE  
Rated Output Frequency [Hz] : 50/60  
Rated Output Power [kW] : 5 6.5  
8 10  
Max. Output Current [Aa.c.] : 8.5 10.8  
13.5 16.5  
Power Factor : >0.99 [-0.80, 0.80]  
Overvoltage Category (OVC) : III for AC mains

13

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**

**A. Chen**

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

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

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
R 50554289

**Blatt Sheet**  
0002

**Ihr Zeichen Client Reference**  
CONNY AXEL H

**Unser Zeichen Our Reference**  
01-Guand-50193896 010

**Ausstellungsdatum Date of Issue**  
22.08.2022 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
Solar Solutions Products BV  
Finlandlaan 1  
2391 PV Hazerswoude-Dorp  
Netherlands

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen Test Mark**



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

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

PV-Wechselrichter (Hybrid Inverter)

as page 0001 continuation

Protective Class : Class I  
Ingress Protection (IP) : IP66  
Pollution Degree (PD) : PD2 (inside), PD3 (outside)  
Operating Temperature [°C] : -35 to 60 (> 45 derating)  
Altitude [m] : 4000  
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.

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**

A. Chen

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

Anlage Fertigungsstättenliste  
/Attachment List of Factories



R 50554289 0001

1 040-0002356677

2 040-0002028101



Dieser Anhang ersetzt den Vorgänger vom/  
This annex replaces the previous annex dated

Datum / Date 22.08.2022



Zertifizierungsstelle  
/ Certification Body

A handwritten signature in blue ink, appearing to read "A. Chen".

A. Chen

Solar Solutions Products BV  
Conny Axel Hulverscheidt

Finlandlaan 1  
2391 PV Hazerswoude-Dorp  
Netherlands

Date : 22.08.2022  
Our ref. : Guand 01  
Your ref.: CONNY AXEL H

**Ref : R TÜV-Mark Approval**

Type of Equipment : Hybrid Inverter  
Model Designation : See Certificate  
Certificate No. : R 50554289 0001  
Report No. : 50193896 010

Dear Conny Axel Hulverscheidt,

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](http://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 50554216 0001

Report No.: 50193896 010

Holder: Solar Solutions Products BV  
Finlandlaan 1  
2391 PV Hazerswoude-Dorp  
Netherlands

Product: PV-Inverter  
(Hybrid Inverter)


Identification: Type Designation: AS-ICH02-5000-2/HV AS-ICH02-6500-2/HV  
AS-ICH02-8000-2/HV AS-ICH02-10000-2/HV  
Serial Number : Enigneering Samples  
Remark(s) : Issued in conjunction with TÜV Rheinland  
license R 50554289 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 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 22.08.2022



  
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.



Solar Solutions Products BV  
Conny Axel Hulverscheidt

Finlandlaan 1  
2391 PV Hazerswoude-Dorp  
Netherlands

Date : 22.08.2022  
Our ref. : Guand 01  
Your ref.: CONNY AXEL H

**Ref : AN Certificate of Conf. Low Voltage D.**

Type of Equipment : Hybrid Inverter  
Model Designation : See Certificate  
Certificate No. : AN 50554216 0001  
Report No. : 50193896 010

Dear Conny Axel Hulverscheidt,

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](http://www.certipedia.com)查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询