

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50530247

Blatt Sheet
0007

Ihr Zeichen Client Reference
Gao Zhiyong

Unser Zeichen Our Reference
01-Yudi-CN21PSK3 006

Ausstellungsdatum Date of Issue
30.05.2023 (day/mo/yr)

Genehmigungsinhaber License Holder

SolaX Power Network Technology
(Zhe jiang) Co., Ltd.
No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Fertigungsstätte Manufacturing Plant

SolaX Power Network Technology
(Zhe jiang) Co., Ltd.
No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Prüfzeichen Test Mark



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111249140

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 (Grid Connected PV Inverter)

As pages 0001-0006
Addition

Type Designation : X3-FTH-75K
Vmax PV[Vd.c.] : 1100
Isc PV[Ad.c.] : 46*9
MPP Voltage Range[Vd.c.] : 500-800
Max. Input Current[Ad.c.] : 32*9
Overvoltage Category (OVC) : II for PV

1

Rated Output Volt.[Va.c.] : 3W+(N)+PE, 380/400
Rated Output Freq.[Hz] : 50/60
Rated Output Power[kW] : 75
Max. Output Current[Aa.c.] : 113.7
Power Factor : 0.8(leading), 0.80(lagging)
Overvoltage Category(OVC) : III for AC mains

Continued on page 0008

1

ANLAGE (Appendix): 1.3

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

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



Zertifizierungsstelle

A. Chen

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50530247

Blatt Sheet
0008

Ihr Zeichen Client Reference
Jason Shen

Unser Zeichen Our Reference
01-Yudi-CN21PSK3 006

Ausstellungsdatum Date of Issue
30.05.2023 (day/mo/yr)

Genehmigungsinhaber License Holder

SolaX Power Network Technology
(Zhe jiang) Co., Ltd.
No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Fertigungsstätte Manufacturing Plant

SolaX Power Network Technology
(Zhe jiang) Co., Ltd.
No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Prüfzeichen Test Mark



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111249140

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 (Grid Connected PV Inverter)

As page 0007 continuation

Protective Class : Class I
Ingress Protection (IP) : IP66
Pollution Degree (PD) : PD 3(outside)
Operating Temperature [°C] : -25 to 60 (>45 derating)
Altitude [m] : 3000
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.

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

A. Chen

CERTIFICATE



of Conformity Low Voltage Directive 2014/35/EU

Registration No.: AN 50587815 0001

Report No.: CN21PSK3 006

Holder: SolaX Power Network Technology
(Zhe jiang) Co., Ltd.
No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification:

Type Designation : X3-FTH-xK-LV X3-FTH-yK X3-FTH-zK-MV
(x=40, 50, 60, 70; y=75, 80, 100, 110,
120, 125; z=136, 150)

Serial Number : Enigneering Samples

Remark : Issued in conjunction with TÜV Rheinland
license R 50530247 pages 0001-0008

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 30.05.2023



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CERTIFICATE of Conformity



Registration No.: AK 50534984 0001

Report No.: CN21VLIM 001

Holder: SolaX Power Network Technology
(Zhejiang) Co., Ltd.
No.288 Shizhu Road
Tonglu Economic Development Zone
Tonglu City,
Zhejiang Province 310000
P.R. China

Product: PV-Inverter
(Grid-connected PV Inverter)

Identification: Type Designation : X3-FTH-yyK (yy=80,100,110,120,125)
X3-FTH-zzK-LV (zz=40,50,60,70)
Serial No. : Engineering sample
Firmware Version : 9324.00019.00
Remark: Refer to test report CN21VLIM 001 for details.

Tested acc. to: IEC 61727:2004
IEC 62116:2014

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. 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.

Certification Body

Date 24.04.2022



Weichun Li

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg