

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50637825 0001

Berichtsnummer Report No.:

CN249AV5 001

Genehmigungsinhaber License Holder:

SolaX Power Network Technology
(Zhejiang) Co., Ltd.
No.278, Shizhu Road,
Chengnan Sub-district, Tonglu County,
Hangzhou,
Zhejiang
P.R. China

Fertigungsstätte Manufacturing Site:

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:

Geprüft nach Tested according to:

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

Geräteidentifikation
Product Identification
Produkt:

PV-Inverter

Product:

(Hybrid Inverter)

Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:

Type designation(s) are listed on the next page(s)

Technische Daten:

Technical data(s) are listed on the next page(s)

Technical Data:

ANLAGE (Appendix): 1

Gültig ab:

2024-07-09

Valid from:
Zertifizierungsstelle:

Certification body:

Ausstellungsdatum:

2024-07-09

Date of issue:

A. Chen



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

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TÜVRheinland®
Precisely Right.

Zertifikat *Certificate*

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R 50637825 0001

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

Modell *Type:* **Bezeichnung** *Designation:*

 1) X3-NEO-5K-LV, 2) X3-NEO-8K-LV, 3) X3-NEO-10K-LV,
4) X3-NEO-12K-LV, 5) X3-NEO-15K-LV

Vmax PV Voltage [Vd.c.] : 1000
 PV Input Voltage Range [Vd.c.] : 160-950
 FULL load MPP Voltage Range [Vd.c.] : 420-800
 Max.Input Current [Ad.c.] : 1)2) 18/18, 3) 36/18, 4)5)36/36
 Isc PV [Ad.c.] : 1)2) 25/25, 3) 50/25, 4)5)50/50

Battery Voltage Range [Vd.c.] : 40-60
 Nominal Battery Voltage [Vd.c.] : 48
 Max. Charge/Discharge Current [Ad.c.] : 1)125, 2)200, 3)235
 4)280, 5)300

Rated Output Voltage [Va.c.] : 220/380,230/400
 Rated Output Freq. [Hz] : 50/60
 Max. Input Current [Aa.c.] @220V/380V : 1) 15.3, 2) 24.3, 3) 30.4,
 4) 36.5, 5) 45.6
 Max. Input Current [Aa.c.] @230V/400V : 1) 14.5, 2) 23.2, 3) 29.0,
 4) 34.8, 5) 43.5
 Max. Output Current [Aa.c.]]@220V/380V: 1) 8.4, 2) 13.4, 3) 16.8,
 4) 20.0, 5) 25.0
 Max. Output Current [Aa.c.]]@230V/400V: 1) 8.0, 2) 12.9, 3) 16.0,
 4) 19.2, 5) 24.0
 Rated Output Power [W] : 1) 5000, 2) 8000, 3) 10000,
 4) 12000, 5) 15000
 Max. Output Apparent Power [VA] : 1) 5500, 2)8800, 3) 11000,
 4) 13200, 5) 16500
 Power Factor Range : 0.8Leading - 0.8Lagging

Off-grid Output Rated Voltage [Va.c.] : 220/380, 230/400
 Off-grid Output Freq. [Hz] : 50/60
 Off-grid Output Rated Current [Aa.c.] : 1) 7.2, 2) 11.6, 3) 14.5,
 4) 17.4, 5) 21.7
 Off-grid Output Rated Power [W] : 1) 5000, 2) 8000, 3) 10000,
 4) 12000, 5) 15000
 Off-grid Output Power Factor Range : 0.8Leading - 0.8Lagging

Type of inverter : Non-Isolated
 Overvoltage Category(OVC) : II for PV Side
 III for AC Mains
 Protective Class : Class I

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(Hybrid Inverter)

Modell *Type:*

Bezeichnung *Designation:*

Hardware Version	: V001
Ingress Protection (IP)	: IP65
Pollution Degree (PD)	: PD3(External), PD2(Internal)
Altitude [m]	: ≤ 3000
Operating Temperature Range [°C]	: -25 to +60
Size W*H*D (mm)	: 706*491*263
Weight(kg)	: 44.6

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.



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50637931 0001
Report No.: CN249AV5 001
Holder: SolaX Power Network Technology
(Zhejiang) Co., Ltd.
No.278, Shizhu Road,
Chengnan Sub-district, Tonglu County,
Hangzhou,
Zhejiang
P.R. China
Product: PV-Inverter
Hybrid Inverter

Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, 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: 2024-07-09


A. Chen



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50637931 0001

Product: PV-Inverter
Hybrid Inverter

Identification: Type Designation
X3-NEO-5K-LV, X3-NEO-8K-LV, X3-NEO-10K-LV,
X3-NEO-12K-LV, X3-NEO-15K-LV

Remark(s) : Issued in conjunction with TÜV Rheinland
license R 50637825 0001.



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