

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50630054 0001

Berichtsnummer Report No.:

CN245TT1 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
(Zhejiang) 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:

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

Geräteidentifikation
Product Identification

Produkt: PV-Inverter
Product: (ENERGY STORAGE PHOTOVOLTAIC INVERTER)


Modell: Modelle sind auf nächste(r) Seite(n) gelistet
Type: Type designation(s) are listed on the next page(s)

Technische Daten: Refer to the next page(s)
Technical Data: ANLAGE(appendix):1.0

Gültig ab: 2024-06-06
Valid from:

Zertifizierungsstelle:
Certification body:

Ausstellungsdatum: 2024-06-06
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

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

Fax: +49 221 806-3935

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50630054 0001

Berichtsnummer Report No.:

CN245TT1 001

Produkt Product: PV-Inverter
(ENERGY STORAGE PHOTOVOLTAIC INVERTER)

Modell Type: Bezeichnung Designation:

For :1) X3-AELIO-49.9K 2) X3-AELIO-49.9K-P
3) X3-AELIO-50K 4) X3-AELIO-60K
5) X3-AELIO-61K

Vmax PV[Vd.c.] :1000
Isc PV[Ad.c.] :1)50*5 2)50*5 3)50*5
4)50*6 5)50*6

MPP Voltage Range[Vd.c.] :160-950
Max. Input Current[Ad.c.] :1)40*5 2)40*5 3)40*5
4)40*6 5)40*6

Overvoltage Category(OVC) :II for PV

Rated Input/output Volt.[Va.c.] :3/N/PE , 380/400V
Rated Input / Output Freq.[Hz] :50/60
Rated Output Power[W] :1)49999 2)49999 3)50000
4)60000 5)66000

Max. Output Current[Aa.c.] :1)76 2)76 3)83.6
4)100.3 5) 100.3

Max. Input Apparent power[VA] :1)49999 2) 49999 3)55000
4)66000 5)66000

Max. AC Input Current.[Aa.c.] :1)76 2)76 3)83.6
4)100.3 5)100.3

Power Factor :1(0.8Leading-0.8Lagging)
Category(OVC) :III for AC mains

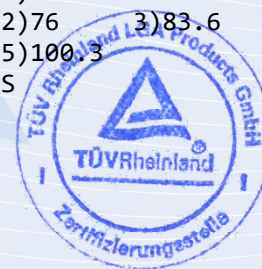
Off-grid Rated Output Volt. [Va.c.] :3/N/PE, 380/400V
Off-grid Output Freq. [Hz] :50/60
Off-grid Rated Output Power [W] :1)49999 2)49999 3)55000
4)66000 5)66000

Off-grid Rated Output Current[Aa.c.] :1)76 2)76 3)83.6
4)100.3 5)100.3

Overvoltage Category (OVC) :II for EPS

VMAX BAT [Vd.c.] :650
Voltage Range [Vd.c.] :180-820
Max. Charge/Discharge Current [A] :160
Overvoltage Category (OVC) :II for Battery

Protective Class :Class I
Ingress Protection (IP) :IP66
Pollution Degree (PD) :PD3
Altitude[m] :<3000
Operating Temperature [°C] : -35 to 60(> 45 derating)
Type of Inverter :Non-isolated



Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50630054 0001

Berichtsnummer *Report No.:*

CN245TT1 001

Produkt *Product:*

PV-Inverter
(ENERGY STORAGE PHOTOVOLTAIC INVERTER)

Modell *Type:*

Bezeichnung *Designation:*

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 50630113 0001
Report No.: CN245TT1 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
(ENERGY STORAGE PHOTOVOLTAIC 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.

Date: 2024-06-06

Certification Body



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 50630113 0001

Product: PV-Inverter
(ENERGY STORAGE PHOTOVOLTAIC INVERTER)

Identification: Type Designation

X3-AELIO-50K , X3-AELIO-60K ,
X3-AELIO-49.9K , X3-AELIO-49.9K-P ,
X3-AELIO-61K

Serial Number: A003695828-001 to 002

Remark (s) : Issued in conjunction with TÜV Rheinland
license R 50630054 0001.



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.