

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50637993 0001

Berichtsnummer Report No.:

CN2423Y7 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:


Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111287743

Geprüft nach Tested according to:

IEC 62477-1:2012+A1
EN 62477-1:2012+A11+A1+A12

Geräteidentifikation
Product Identification
Produkt:
Product:

Converter
(POWER CONVERSION SYSTEM)

Modell:
Type:

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

Technische Daten:
Technical Data:

Refer to next page(s)
ANLAGE (Appendix): 1.0

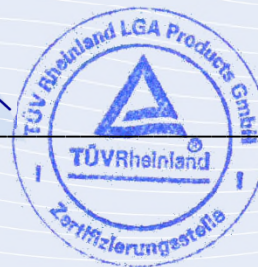
Gültig ab:
Valid from:

2024-07-22

Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:
Date of issue:

2024-07-22

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

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Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50637993 0001

Berichtsnummer Report No.:

CN2423Y7 001

Produkt Product: Converter
(POWER CONVERSION SYSTEM)

Modell Type: **Bezeichnung Designation:**
X3-TRENE-100K

Rated Input/output Volt.[Va.c.]	: 3W/N/PE, 400/230, 380/220
Rated Input/Output Freq.[Hz]	: 50/60
Rated Input/Output Apparent Power [kVA]	: 100
Max. Input/Output Apparent Power [kVA]	: 110
Rated Input/Output Current In [Aa.c.]	: 144.4
Max. Input/Output Current I _{max} [Aa.c.]	: 167.1
Power Factor	: 1 (0.8 Leading ~ 0.8 Lagging)
Category(OVC)	: III for AC mains
V _{MAX} BAT [Vd.c.]	: 936
Voltage Range [Vd.c.]	: 650-936
Max. Charge/Discharge Current [Ad.c.]	: 160
Overvoltage Category (OVC)	: II for Battery
Battery Type	: Lithium-ion
Protective Class	: Class I
Ingress Protection (IP)	: IP66
Pollution Degree (PD)	: PD2(inside) PD3(outside)
Altitude[m]	: 3000
Operating Temperature [°C]	: -30 to + 55 (>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.



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50637995 0001
Report No.: CN2423Y7 001
Holder: SolaX Power Network Technology
(Zhejiang) Co., Ltd.
No.278, Shizhu Road,
Chengnan Sub-district, Tonglu County,
Hangzhou,
Zhejiang
P.R. China
Product: Converter
(POWER CONVERSION SYSTEM)

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: 2024-07-22

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 50637995 0001

Product: Converter
(POWER CONVERSION SYSTEM)

Identification: Type Designation
X3-TRENE-100K

Serial No.: 801340010Y0101

Remark(s) : Issued in conjunction with TÜV Rheinland
license R 50637993 0001.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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