

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50614044 0002

Berichtsnummer Report No.:

CN23R5XR 002

Genehmigungsinhaber License Holder:

SINENG ELECTRIC CO., LTD.

No.6, Hehui Road,

Huishan District,

Wuxi

214174 Jiangsu

P.R. China

Fertigungsstätte Manufacturing Site:

SINENG ELECTRIC CO., LTD.

No.6, Hehui Road,

Huishan District,

Wuxi

214174 Jiangsu

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:

(Grid-connected PV 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): 1.1

Gültig ab:

2024-04-18

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2024-04-18

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 50614044 0002

Berichtsnummer Report No.:

CN23R5XR 002

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

Modell Type: **Bezeichnung Designation:**
As R 50614044 0001

Change:

SN75PT-LV, SN75PT
 Max. Input Current [Ad.c.] : 64/64/64/64/64
 Isc PV [Ad.c.] : 100/100/100/100/100

Addition:

SN100PT-X
 Vmax PV [V d.c.] : 1100
 Isc PV [A d.c.] : 100/100/100/100/100
 Input Voltage Range [V d.c.] : 200-1000
 MPP Voltage Range [V d.c.] : 550-850
 Max. Input Current [A d.c.] : 64/64/64/64/64
 Overvoltage Category (OVC) : II for PV Side

Grid Rated Output Volt. [V a.c.] : 3/N/PE 230/400
 Grid Rated Output Freq. [Hz] : 50/60
 Grid Rated Output Power[kW] : 100
 Grid Rated. Output Current [A] : 159.42
 Grid Max. Output Current. [A a.c.]: 100
 Grid Power Factor : [-0.80, 0.80]
 Overvoltage Category (OVC) : III for AC mains

Protective Class : Class I
 Ingress Protection (IP) : IP66
 Pollution Degree (PD) : PD3(outside)
 Altitude[m] : 4000
 Operating Temperature [°C] : -25 to 60 (>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 50625743 0001
Report No.: CN23R5XR 002
Holder: SINENG ELECTRIC CO., LTD.
No.6, Hehui Road,
Huishan District,
Wuxi
214174 Jiangsu
P.R. China
Product: PV-Inverter
Gird-connected PV 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: 2024-04-18


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 50625743 0001

Product: PV-Inverter
Gird-connected PV Inverter

Identification: Type Designation
SN75PT-LV, SN75PT, SN100PT-X

Remark: Issued in conjunction with TÜV Rheinland
license R 50614044 0002.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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