

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50614044 0001

Berichtsnummer Report No.:

CN23R5XR 001

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

Gültig ab:

2024-01-10

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2024-01-10

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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Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50614044 0001

Berichtsnummer Report No.:

CN23R5XR 001

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

Modell Type: **Bezeichnung Designation:**
1)SN75PT-LV, 2)SN75PT, 3)SN100PT, 4)SN110PT-B,
5)SN110PT, 6)SN125PT, 7)SN150PT

Vmax PV [V d.c.]	: 1)800, 2)3)4)5)6)7)1100
Isc PV [A d.c.]	: 100
Input Voltage Range [V d.c.]	: 1)200-800, 2)3)4)5)6)7)200-1000
MPP Voltage Range [V d.c.]	: 1)400-600, 2)3)4)5)6)7)550-850
Max. Input Current [A d.c.]	: 1)2)3)4)64/64/64/64, 5)6)64/64/64/64/64, 7)64/64/64/75/75
Overvoltage Category (OVC)	: II for PV Side
Rated Input/Output Volt. [V a.c.]	: 1)3/N/PE 127/220, 2)3/N/PE 220/380, 230/400 3)4)5)6)7)3/N/PE 230/400
Rated Output Freq. [Hz]	: 50/60
Rated Output Power [W]	: 1)2)75, 3)100, 4)5)110, 6)125, 7)150
Max. Output Current. [A a.c.]	: 1)196.9, 2)113.64, 3)159.4, 4)5)175.4, 6)199.3, 7)239.1
Max. Output Power [W]	: 1)2)75, 3)110, 4)5)121, 6)137.5, 7)165
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
Altitude[m]	: ≤ 4000
Operating Temperature [°C]	: -25 to +60
Type of Inverter	: Non-isolated
Size L*W*D (mm)	: 1)2)3)4)5)6)1008*700*362, 7)1148*700*362
Weight (kg)	: 1)2)3)4)5)6)75, 7)90

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 50615929 0001
Report No.: CN23R5XR 001
Holder: SINENG ELECTRIC CO., LTD.
No.6, Hehui Road,
Huishan District,
Wuxi
214174 Jiangsu
P.R. China
Product: PV-Inverter
(Grid-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: 2024-01-10


A. Chen



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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

CERTIFICATE

of Conformity
Low Voltage Directive (EU) 2014/35

Registration No.: AN 50615929 0001

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

Identification: Type Designation
SN75PT-LV, SN75PT, SN100PT,
SN110PT, SN110PT-B,
SN125PT, SN150PT

Serial No.: Engineering sample

Remark: Issued in conjunction with TÜV Rheinland
license R 50614044 0001.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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