

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50673119 0001
Report No.: CN22IENK 014
Holder: NingBo Deye Inverter Technology
Co., Ltd.
No. 26 South YongJiang Road, Daqi,
Beilun NingBo
315800 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: 2025-04-17


Bowen Dong



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 50673119 0001

Product: PV-Inverter
(Hybrid Inverter)

Identification: Type Designation
SUN-xK-SG05LP1-EU
(variable x can be: 3.6,4.6,5,6,7,7.6,8,10);
SUN-xK-SG05LP1-EU-SM2 ,
AI-W5.1-xP1-EU-B ,
SUN-xK-SG05LP1-EU-AM2-P ,
SUN-xK-SG05LP1-EU-SM2-P
(variable x can be: 3.6,5,6,7,7.6,8,10);
AI-W5.1-xP1-EU
(variable x can be: 3.6,5,6,7.6,8)

SN : 2412254008

Remark(s): Issued in conjunction with TÜV Rheinland
license R 50546414 0030-0031.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50546414

Blatt Sheet
0032

Ihr Zeichen Client Reference
Ji Dehai

Unser Zeichen Our Reference
01-ZZ-CN22IENK 016

Ausstellungsdatum Date of Issue
11.08.2025 (day/mo/yr)

Genehmigungsinhaber License Holder

NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun NingBo
315800 Zhejiang
P.R. China

Fertigungsstätte Manufacturing Plant

NingBo Deye Inverter Technology Co., Ltd.
No. 26 South YongJiang Road, Daqi, Beilun NingBo
315800 Zhejiang
P.R. China

Prüfzeichen Test Mark



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1111255002

Geprüft nach Tested acc. to

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

**Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)**

**Lizenzentgelte - Einheit
License Fee - Unit**

PV-Wechselrichter (Hybrid Inverter)

As pages 0001-0031
Modification:

AI-W5.1-3.6P1-EU-B

Change Max. AC Output and input Current
from 18/17.3A to 18/17.2A

AI-W5.1-5P1-EU-B

Change Rated AC Output Current and Rated GEN input Current
from 22.8/21.8A to 22.7/21.7A

Change Max. AC Output and input Current
from 25/24A to 25/23.9A

AI-W5.1-7.6P1-EU-B

Change Rated AC Output Current and Rated GEN input Current
from 34.6/33.1A to 34.5/33A

Change Max. AC Output and input Current
from 38/36.4A to 38/36.3A.

AI-W5.1-10P1-EU-B ; SUN-10K-SG05LP1-EU-SM2

SUN-10K-SG05LP1-EU-AM2-P ; SUN-10K-SG05LP1-EU-SM2-P

Change MPPT Full Power Voltage Range
from 200-425V to 250-425V

Continued on page 0033

ANLAGE (Appendix): 1.6

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.



Zertifizierungsstelle

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

http://www.tuv.com/safety E-mail: markcheck@tuv.com
Fax: +49 221 806-3935

Bowen Dong

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50546414

Blatt Sheet
0033

Ihr Zeichen Client Reference
Ji Dehai

Unser Zeichen Our Reference
01-ZZ-CN22IENK 016

Ausstellungsdatum Date of Issue
11.08.2025 (day/mo/yr)

Genehmigungsinhaber License Holder
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Geprüft nach Tested acc. to

IEC 62109-1:2010
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EN 62109-1:2010
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Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Hybrid Inverter)

As page 0032
Modification:
SUN-10K-SG05LP1-EU-AM2-P
Change Max AC input apparent power
from 10kVA to 11kVA

Remark(s):

The installation has to be carried out according to the installation instruction specified by the manufacturer. Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

ANLAGE (Appendix): 1.6

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