

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50576271

Blatt Sheet
0004

Ihr Zeichen Client Reference
Ji Dehai

Unser Zeichen Our Reference
01-zhoudav-CN23E0LA 003

Ausstellungsdatum
11.12.2023

Date of Issue
(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 1111265657

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 0001-0003 change
Type Designation

: SUN-xK-SG01LP1-EU
(x can be 12, 14, 16
to indicate power in kw)

3

Updated technical data as below:

For on-grid port : See below
Rated Output Power [kW] : 1) 12 2) 14 (13.8*)
3) 16 (13.8*)
Max. Output Apparent Power [kVA] : 1) 13.2 2) 15.4 (13.8*)
3) 17.6 (13.8*)
Max. Output Current [Aa.c.] : 1) 60/57.4 2) 70/67 (60*)
3) 80/76.5 (60*)
Rated Output Current [Aa.c.] : 1) 54.5/52.2
2) 63.6/60.9 (60*)
3) 72.7/69.6 (60*)

Continued on page 0005

3

ANLAGE (Appendix): 1.1

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

Zertifizierungsstelle

A. Chen

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50576271

Blatt Sheet
0005

Ihr Zeichen Client Reference
Ji Dehai

Unser Zeichen Our Reference
01-zhoudav-CN23E0LA 003

Ausstellungsdatum
11.12.2023

Date of Issue
(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 1111265657

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 page 0004 continuation

For GEN port

: See below

Rated Input Power [kW]

: 1) 12 2) 14 (13.8*)
3) 16 (13.8*)

Rated Input Current [Aa.c.]

: 1) 54.5/52.2 2) 63.6/60.9 (60*)
3) 72.7/69.6 (60*)

Note

:

*: Derating to 13.8kW in South Africa

*: Derating to 60A in South Africa

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.

ANLAGE (Appendix): 1.1

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



Zertifizierungsstelle

A. Chen

CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50610622 0001
Report No.: CN23E0LA 003
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: 2023-12-11


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 50610622 0001

Product: PV-Inverter
(Hybrid Inverter)

Identification: Type Designation
SUN-xK-SG01LP1-EU
(x can be 12, 14, 16 to indicate power in kw)

Serial Number: Engineering samples

Remark(s) : Refer to the report CN23E0LA 003
for details.

Issued in conjunction with TÜV Rheinland
license R 50576271 pages 0004-0005.



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