

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50571461

Blatt *Sheet*
0010

Ihr Zeichen *Client Reference*
Ji Dehai

Unser Zeichen *Our Reference*
01-MH-CN22NHTU 002

Ausstellungsdatum *Date of Issue*
09.11.2023 (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 1111263787

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 (Grid-connected PV Inverter)

As pages 0001-0009
-Addition

2

Type Designation : 1) SUN-6K-G06-LV
2) SUN-8K-G06-LV
Vmax PV [Vd.c.] : 800
Isc PV [Ad.c.] : 1) 19.5+19.5 2) 19.5+39
MPPT Voltage Range [Vd.c.] : 200-700
Max.Input Current [Ad.c.] : 1) 13+13 2) 13+26
Overvoltage Category (OVC) : II for PV

Rated Output Voltage [Va.c.] : 3L/N/PE, 127/220, 133/230
Rated Output Frequency [Hz] : 50/60
Rated Output Power [kW] : 1) 6 2) 8
Max. Output Curr. [Aa.c.] : 1) 15.8/15.1 2) 21.0/20.1
Power Factor : [-0.80, 0.80]
Overvoltage Category (OVC) : III for AC mains
continued on page 0011

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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



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0011

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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



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Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Grid-connected PV Inverter)

As page 0010 continuation
Protective Class : Class I
Ingress Protection (IP) : IP65
Pollution Degree (PD) : PD3
Operating Temperature [°C] : -25 to 60 (>45 derating)
Altitude [m] : ≤4000
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.

ANLAGE (Appendix) : 1.1

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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 50607815 0001
Report No.: CN22NHTU 002
Holder: NingBo Deye Inverter Technology
Co., Ltd.
No. 26 South YongJiang Road, Daqi,
Beilun NingBo,
315800 Zhejiang
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.

Date: 2023-11-09

Certification Body



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 50607815 0001

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

Identification: Type Designation
SUN-6K-G06-LV , SUN-8K-G06-LV
Serial No. : A003584375-001
Remark(s) : Issued in conjunction with TÜV Rheinland
license R 50571461 0010-0011.



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