

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50538548

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
JI DEHAI

Unser Zeichen *Our Reference*
01-DJW-CN22MX68 001

Ausstellungsdatum *Date of Issue*
07.05.2022 (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*



Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 1111252202

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-Inverter (Grid-connected PV Inverter)

Type Designation	: SUN-xK-G04 (x=3.6,4,4.6)	12
Vmax PV [Vd.c.]	: 550	
Isc PV [Ad.c.]	: 19.5+19.5	
MPP Voltage Range [Vd.c.]	: 70-500	
MPPT Full Power Voltage Range [Vd.c.]	: 160-500 180-500 220-500	
Max. Input Current Ad.c.]	: 13+13	
Overvoltage Category (OVC)	: II for PV	
Rated Output Volt. [Va.c.]	: L/N/PE, 220/230	
Rated Output Freq. [Hz]	: 50/60	
Rated Output Power [kW]	: 3.6 4.0 4.6	
Max. Output Curr. [Aa.c.]	: 18/17.2 20/19.1 23/22	
Power Factor	: [-0.80, 0.80]	
Overvoltage Category (OVC)	: III for AC mains	

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ANLAGE (Appendix): 1.0

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

Bruce Li

Bruce Li

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

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Zertifikat Nr. Certificate No.
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0002

Ihr Zeichen Client Reference
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Fertigungsstätte Manufacturing Plant

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License Fee - Unit**

PV-Inverter (Grid-connected PV Inverter)

as page 0001 continuation

Type Designation : SUN-xK-G04
(x=5 or 6)
Vmax PV [Vd.c.] : 550
Isc PV [Ad.c.] : 19.5+19.5
MPP Voltage Range [Vd.c.] : 70-500
MPPT Full Power Voltage Range [Vd.c.] : 220-500 265-500
Max. Input Current [Ad.c.] : 13+13
Overvoltage Category (OVC) : II for PV

Rated Output Volt. [Va.c.] : L/N/PE, 220/230
Rated Output Freq. [Hz] : 50/60
Rated Output Power [kW] : 5.0 6.0
Max. Output Curr. [Aa.c.] : 25/23.9 30/28.7
Power Factor : [-0.80, 0.80]
Overvoltage Category (OVC) : III for AC mains

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ANLAGE (Appendix): 1.0

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TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

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Fax: +49 221 806-3935

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Zertifikat Nr. *Certificate No.*
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0003

Ihr Zeichen *Client Reference*
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Lizenzentgelte - Einheit
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PV-Inverter (Grid-connected PV Inverter)

as page 0002 continuation

For all models:

Protective Class : Class I
Ingress Protection (IP) : IP65
Pollution Degree (PD) : PD3
Altitude [m] : ≤2000
Operating Temperature [°C] : -25 to 65 (> 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.

ANLAGE (Appendix): 1.0

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NingBo Deye Inverter Technology
Co., Ltd.
Ji Dehai

Date : 07.05.2022
Our ref. : DJW 01
Your ref.: JI DEHAI

No. 26 South YongJiang Road, Daqi,
Beilun NingBo,
315800 Zhejiang
P.R. China

Ref : R TÜV-Mark Approval

Type of Equipment : Grid-connected PV Inverter
Model Designation : See Certificate
Certificate No. : R 50538548 0001
Report No. : CN22MX68 001

Dear Ji Dehai,

The above specified equipment has been tested and found to be in accordance with the relevant requirements.

Please find enclosed your certificate as specified above.

If cancellation of the certificate is submitted by 15 November in a given year, no fee will be charged for the following year.

The certificate is issued with the reservation that the license holder applies all information required in § 6 of the ProdSG related to name and address of the manufacturer or his authorized representative / importer, including their respective contact addresses on the product prior to marketing of the product in the European Economic Area. In case you have a change regarding your involved local representative for the certificate, please inform us in due time.

With kind regards,

Certification Body


Bruce Li

Enclosure