

# 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.



**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

**A. Chen**



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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

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.  
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**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

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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