

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50604851 0001

Berichtsnummer Report No.:

CN23WUVE 001

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

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

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

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

Geräteidentifikation
Product Identification

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

Product:

Modell: Modelle sind auf nächste(r) Seite(n) gelistet

Type: Type designation(s) are listed on the next page(s)

Technische Daten: Refer to the next page(s)

Technical Data: ANLAGE (Appendix): 1.0

Gültig ab: 2023-10-16

Valid from:

Zertifizierungsstelle:

Certification body:

Ausstellungsdatum: 2023-10-16

Date of issue:

Bruce Li

Bruce Li



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

www.tuv.com

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Precisely Right.

Zertifikat Certificate

Zertifikatsnummer Certificate No.:

R 50604851 0001

Berichtsnummer Report No.:

CN23WUVE 001

Produkt Product:

 PV-Inverter
 (Grid-connected PV Inverter)

Modell Type:
Bezeichnung Designation:
 For Type Designation

- : 1) SUN-60K-G01P3-EU-AM8-LV
- 2) SUN-70K-G01P3-EU-AM8-LV
- 3) SUN-75K-G01P3-EU-AM8-LV
- 4) SUN-120K-G01P3-EU-AM8
- 5) SUN-125K-G01P3-EU-AM8
- 6) SUN-130K-G01P3-EU-AM8
- 7) SUN-135K-G01P3-EU-AM8
- 8) SUN-136K-G01P3-EU-AM8
- 9) SUN-120K-G01P3-EU-AM8-HV
- 10) SUN-125K-G01P3-EU-AM8-HV
- 11) SUN-130K-G01P3-EU-AM8-HV
- 12) SUN-135K-G01P3-EU-AM8-HV
- 13) SUN-136K-G01P3-EU-AM8-HV

V_{max} PV [Vd.c.]

- : 1),2),3) 800;
- 4),5),6),7),8),9),10),11),12),13)1100

I_{sc} PV [Ad.c.]

- : 60*8

MPP Voltage Range[Vd.c.]

- : 1),2),3) 200-700;
- 4),5),6),7),8),9) 200-1000;
- 10),11),12),13) 200-1000

MPP Full Power Voltage Range[Vd.c.]:

- 1) 290-700; 2) 330-700; 3) 360-700;
- 4),5),6),7),8),9) 550-850;
- 10),11),12),13) 550-850

Max. Input Current[Ad.c.]

- : 40*8

Overvoltage Category (OVC)

- : II for PV

Rated Output Volt.[Va.c.]

- : 1),2),3) 3L/N/PE,127/220,133/230;
- 4),5),6) 3L/N/PE,220/380,230/400;
- 7),8) 3L/N/PE,220/380,230/400;
- 9),10),11),12),13) 3L/(N)/PE,277/480

Rated Output Freq.[Hz]

- : 50/60

Rated Output Power[kW]

- : 1) 60; 2) 70; 3) 75; 4) 120;
- 5) 125; 6) 130; 7) 135; 8) 136;
- 9) 120; 10) 125; 11) 130; 12) 135;
- 13) 136

Max. Output Curr.[Aa.c.]

- : 1) 157.5/150.4; 2) 183.8/175.5;
- 3) 196.9/188.0; 4) 200.0/191.4;
- 5),6),7) 204.6/195.7; 8)206.1/197.2;
- 9) 158.9; 10),11),12) 162.5;
- 13) 163.7

Power Factor

- : [-0.80, 0.80]

Overvoltage Category (OVC)

- : III for AC mains

For all models

- :

Protective Class

- : Class I

Ingress Protection (IP)

- : IP65

Pollution Degree (PD)

- : PD 3

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50604851 0001

Berichtsnummer *Report No.:*

CN23WUVE 001

Produkt *Product:*PV-Inverter
(Grid-connected PV Inverter)**Modell** *Type:***Bezeichnung** *Designation:*

Altitude[m]	: 4000
Operating Temperature [°C]	: -25 to 60 (> 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.



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CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

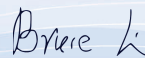
Registration No.: AN 50604854 0001
Report No.: CN23WUVE 001
Holder: NingBo Deye Inverter Technology
Co., Ltd.
No. 26 South YongJiang Road, Daqi,
Beilun NingBo,
315800 Zhejiang
P.R. China
Product: PV-Inverter
(Grid-connected PV Inverter)

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.

Certification Body

Date: 2023-10-16


Bruce Li



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 50604854 0001

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

Identification:

Type Designation

SUN-60K-G01P3-EU-AM8-LV

SUN-70K-G01P3-EU-AM8-LV

SUN-75K-G01P3-EU-AM8-LV

SUN-120K-G01P3-EU-AM8

SUN-125K-G01P3-EU-AM8

SUN-130K-G01P3-EU-AM8

SUN-135K-G01P3-EU-AM8

SUN-136K-G01P3-EU-AM8

SUN-120K-G01P3-EU-AM8-HV

SUN-125K-G01P3-EU-AM8-HV

SUN-130K-G01P3-EU-AM8-HV

SUN-135K-G01P3-EU-AM8-HV

SUN-136K-G01P3-EU-AM8-HV

Serial Number: Engineering samples

Remark(s) : Issued in conjunction with
TÜV Rheinland license R 50604851 page
0001.



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

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50604851 0002

Berichtsnummer Report No.:

CN23WUVE 009

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

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

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

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

Geräteidentifikation
Product Identification
Produkt:

PV-Inverter

Product:

(Grid-connected PV Inverter)

Modell:

Modelle sind auf nächste(r) Seite(n) gelistet

Type:

Type designation(s) are listed on the next page(s)

Technische Daten:

Refer to the next page(s)

Technical Data:

ANLAGE (Appendix): 1.1

Gültig ab:

2026-07-31

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum:

2026-07-31

Date of issue:

Bowen Dong



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

www.tuv.com

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Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50604851 0002

Berichtsnummer *Report No.:*

CN23WUVE 009

Produkt *Product:*

 PV-Inverter
 (Grid-connected PV Inverter)

Modell *Type:*
Bezeichnung *Designation:*

As pages 0001

Addition:

Type Designation:

- 1) SUN-60K-G01P3-EU-BM8-LV ,
- 2) SUN-70K-G01P3-EU-BM8-LV ,
- 3) SUN-75K-G01P3-EU-BM8-LV ,
- 4) SUN-120K-G01P3-EU-BM8 ,
- 5) SUN-125K-G01P3-EU-BM8 ,
- 6) SUN-130K-G01P3-EU-BM8 ,
- 7) SUN-135K-G01P3-EU-BM8 ,
- 8) SUN-136K-G01P3-EU-BM8 ,
- 9) SUN-120K-G01P3-EU-BM8-HV ,
- 10) SUN-125K-G01P3-EU-BM8-HV ,
- 11) SUN-130K-G01P3-EU-BM8-HV ,
- 12) SUN-135K-G01P3-EU-BM8-HV ,
- 13) SUN-136K-G01P3-EU-BM8-HV

Vmax PV[Vd.c.] :1)-3)800, 4)-13)1100
 Isc PV[Ad.c.] :60*8
 MPP Voltage Range[Vd.c.] :1)-3)200-700, 4)-13)200-1000
 Max. Input Current[Ad.c.] :40*8
 Overvoltage Category(OVC) :II for PV

Rated Output Volt.[Va.c.] :1)-3)3L/N/PE, 127/220, 133/230
 4)-8)3L/N/PE, 220/380, 230/400
 9)-13) 3L/(N)/PE, 277/480

Rated Output Freq.[Hz] :50/60

Rated Output Power [kW] :1)60, 2)70, 3)75, 4)120,
 5)125, 6)130, 7)135, 8)136,
 9)120, 10)125, 11)130, 12)135,
 13)136

Max. Output Current [Aa.c.]:1)157.5/150.4, 2)183.8/175.5,
 3)196.9/188.0, 4)200.0/191.4,
 5)-7)204.6/195.7, 8)206.1/197.2,
 9)158.9, 10)-12)162.5, 13)163.7

Power Factor :0.8(leading), 0.8(lagging)
 Overvoltage Category(OVC) :III for AC mains

Protective Class :Class I

Ingress Protection (IP) :IP65

Pollution Degree (PD) :PD3

Altitude[m] :≤4000

Operating Temperature [°C] : -25 to 60(> 45 derating)

Type of Inverter :Non-isolated

Zertifikat *Certificate*

Zertifikatsnummer *Certificate No.:*

R 50604851 0002

Berichtsnummer *Report No.:*

CN23WUVE 009

Produkt *Product:*

PV-Inverter
(Grid-connected PV Inverter)

Modell *Type:*

Bezeichnung *Designation:*

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.



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35

Registration No.: AN 50740203 0001
Report No.: CN23WUVE 009
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)

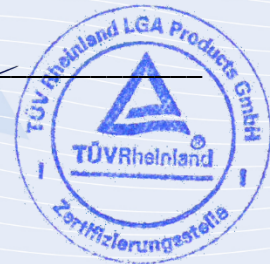
Type designation listed on the next page

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Certification Body

Date: 2026-07-31

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 50740203 0001

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

Identification: Type Designation
SUN-xK-G01P3-EU-AM8 , SUN-xK-G01P3-EU-BM8 ,
(variable x can be 120,125,130,135,136)

SUN-yK-G01P3-EU-AM8-HV , SUN-yK-G01P3-EU-BM8-HV ,
(variable y can be 120,125,130,135,136)

SUN-zK-G01P3-EU-AM8-LV , SUN-zK-G01P3-EU-BM8-LV ,
(variable z can be 60,70,75)

Remark(s): Issued in conjunction with TÜV Rheinland
license R 50604851 0001-0002.



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.