

# 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](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935

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**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 <sub>max</sub> PV [Vd.c.]         | : 1),2),3) 800;<br>4),5),6),7),8),9),10),11),12),13)1100  |
| I <sub>sc</sub> PV [Ad.c.]          | : 60*8  |
| MPP Voltage Range[Vd.c.]            | : 1),2),3) 200-700;<br>4),5),6),7),8),9) 200-1000;<br>10),11),12),13) 200-1000  |
| MPP Full Power Voltage Range[Vd.c.] | : 1) 290-700; 2) 330-700; 3) 360-700;<br>4),5),6),7),8),9) 550-850;<br>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;<br>4),5),6) 3L/N/PE,220/380,230/400;<br>7),8) 3L/N/PE,220/380,230/400;<br>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;<br>5) 125; 6) 130; 7) 135; 8) 136;<br>9) 120; 10) 125; 11) 130; 12) 135;<br>13) 136  |
| Max. Output Curr.[Aa.c.]            | : 1) 157.5/150.4; 2) 183.8/175.5;<br>3) 196.9/188.0; 4) 200.0/191.4;<br>5),6),7) 204.6/195.7; 8)206.1/197.2;<br>9) 158.9; 10),11),12) 162.5;<br>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  |

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**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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