

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50700099 0001

Berichtsnummer Report No.:

CN25CWM0 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:

EN 62109-1:2010
IEC 62109-1:2010
EN 62109-2:2011
IEC 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): 1.0

Gültig ab: 2025-11-02
Valid from:

Zertifizierungsstelle:
Certification body:

Ausstellungsdatum: 2025-11-02
Date of issue:


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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

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Precisely Right.

Zertifikat *Certificate*

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Produkt *Product:*

 PV-Inverter
 (Grid-Connected PV Inverter)

Modell *Type:*
Bezeichnung *Designation:*

 1) SUN-7K-G02P1-EU-CM2 , 2) SUN-7.5K-G02P1-EU-CM2 ,
 3) SUN-8K-G02P1-EU-CM2 , 4) SUN-9K-G02P1-EU-CM2 ,
 5) SUN-10K-G02P1-EU-CM2 , 6) SUN-10.5K-G02P1-EU-CM2

PV side :
 Vmax PV [Vd.c.] : 550
 Max. Input current [Ad.c.] : 1)2)3) 18+26, 4)5)6) 26+26
 Isc PV [Ad.c.] : 1)2)3) 27+39, 4)5)6) 39+39
 MPPT Voltage Range [Vd.c.] : 70-500
 MPPT Full Power Voltage Range [Vd.c.] : 1) 190-500, 2) 200-500, 3)210-500,
 4) 225-500, 5) 250-500, 6)265-500
 Overvoltage Category (OVC) : II

AC side :
 Rated Output Volt [Va.c.] : L+N+PE, 220/230
 Rated Output Freq. [Hz] : 50/60
 Rated Output Power [kW] : 1) 7.0, 2) 7.5 , 3) 8.0,
 4) 9.0, 5) 10.0, 6) 10.5
 Max. Output Apparent Power[kVA] : 1) 7.7, 2) 8.25, 3) 8.8,
 4) 9.9, 5) 11.0, 6) 11.55
 Rated Output Current [Aa.c.] : 1) 31.9/30.5, 2) 34.1/32.7,
 3) 36.4/34.8, 4) 41.0/39.2,
 5) 45.5/43.5, 6) 47.8/45.7
 Max. Output Current [Aa.c.] : 1) 35.0/33.5, 2) 37.5/35.9,
 3) 40.0/38.3, 4) 45.0/43.1,
 5) 50.0/47.9, 6) 52.5/50.3
 Power Factor : 0.8 leading-0.8 lagging
 Overvoltage Category (OVC) : III

Protective Class : Class I
 Ingress Protection (IP) : IP65
 Pollution Degree (PD) : PD3
 Operating Temperature [°C] : -25 to 60, > 45 derating
 Max. Operating Altitude [m] : 3000
 Type of Inverter : Non isolated

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.

