

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

R 50638945 0001

**Berichtsnummer Report No.:**

CN22NHTU 005

**Genehmigungsinhaber License Holder:**

SUNSYNK LTD  
ROOM 702-704,  
7/F Texwood Plaza,  
6 How Ming Street, Kwun Tong, Kowloon  
Hongkong  
P.R. China

**Fertigungsstätte Manufacturing Site:**

040-0002097619

**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:*

**Gültig ab:** 2024-07-18  
*Valid from:*

**Zertifizierungsstelle:**  
*Certification body:*

**Ausstellungsdatum:** 2024-07-18  
*Date of issue:*

A. Chen



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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 **TÜVRheinland®**  
Precisely Right.

# Zertifikat Certificate

**Zertifikatsnummer Certificate No.:**

R 50638945 0001

**Berichtsnummer Report No.:**

CN22NHTU 005

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

**Modell Type: Bezeichnung Designation:**

1) SUN-3K-G06P3-EU-AM2 , 2) SUN-4K-G06P3-EU-AM2 ,  
 3) SUN-5K-G06P3-EU-AM2 , 4) SUN-6K-G06P3-EU-AM2 ,  
 5) SUN-7K-G06P3-EU-AM2 , 6) SUN-8K-G06P3-EU-AM2 ,  
 7) SUN-9K-G06P3-EU-AM2 , 8) SUN-10K-G06P3-EU-AM2 ,  
 9) SUN-12K-G06P3-EU-AM2 , 10) SUN-15K-G06P3-EU-AM2 ,  
 11) SUN-3K-G06P3-EU-AM2-P1 , 12) SUN-4K-G06P3-EU-AM2-P1 ,  
 13) SUN-5K-G06P3-EU-AM2-P1 , 14) SUN-6K-G06P3-EU-AM2-P1 ,  
 15) SUN-7K-G06P3-EU-AM2-P1 , 16) SUN-8K-G06P3-EU-AM2-P1 ,  
 17) SUN-9K-G06P3-EU-AM2-P1 , 18) SUN-10K-G06P3-EU-AM2-P1 ,  
 19) SUN-12K-G06P3-EU-AM2-P1 , 20) SUN-15K-G06P3-EU-AM2-P1

Vmax PV [Vd.c.] : 1100  
 Isc PV [Ad.c.] : 1)2)3)4)5)6)7)8)9)19.5\*2  
 10)19.5+39  
 11)12)13)14)15)16)17)18)19)30\*2  
 20)30+39  
 MPP Voltage Range[Vd.c.] : 120-1000  
 Max. Input Current[Ad.c.] : 1)2)3)4)5)6)7)8)9)13+13  
 10)13+26  
 11)12)13)14)15)16)17)18)19)20+20  
 20)20+26  
 Overvoltage Category (OVC): II for PV  
 Rated Output Volt.[Va.c.] : 3L/N/PE,230/400  
 Rated Output Freq.[Hz] : 50/60  
 Rated Output Power[kW] : 1)11)3, 2)12)4, 3)13)5, 4)14)6,  
 5)15)7, 6)16)8, 7)17)9, 8)18)10,  
 9)19)12, 10)20)15  
 Max. Output Curr.[Aa.c.] : 1)11)4.8, 2)12)6.4, 3)13)8, 4)14)9.6,  
 5)15)11.2, 6)16)12.8, 7)17)14.4, 8)18)16,  
 9)19)19.2, 10)20)24  
 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) : PD3  
 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.





# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50638950 0001  
**Report No.:** CN22NHTU 005  
**Holder:** SUNSYNK LTD  
ROOM 702-704,  
7/F Texwood Plaza,  
6 How Ming Street, Kwun Tong, Kowloon  
Hongkong  
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:** 2024-07-18

#### Certification Body



A. Chen



**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 50638950 0001

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

**Identification:** Type Designation

1) SUN-3K-G06P3-EU-AM2 ,	2) SUN-4K-G06P3-EU-AM2 ,
3) SUN-5K-G06P3-EU-AM2 ,	4) SUN-6K-G06P3-EU-AM2 ,
5) SUN-7K-G06P3-EU-AM2 ,	6) SUN-8K-G06P3-EU-AM2 ,
7) SUN-9K-G06P3-EU-AM2 ,	8) SUN-10K-G06P3-EU-AM2 ,
9) SUN-12K-G06P3-EU-AM2 ,	10) SUN-15K-G06P3-EU-AM2 ,
11) SUN-3K-G06P3-EU-AM2-P1 ,	
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17) SUN-9K-G06P3-EU-AM2-P1 ,	
18) SUN-10K-G06P3-EU-AM2-P1 ,	
19) SUN-12K-G06P3-EU-AM2-P1 ,	
20) SUN-15K-G06P3-EU-AM2-P1	

Serial No.: 2402119688

Remark(s) : Issued in conjunction with TÜV Rheinland  
license R 50638945 0001.



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

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