

# CERTIFICATE of Conformity



Registration No.: A3 50636496 0001

Report No.: CN24470P 001

Holder: **Ginlong technologies Co., Ltd.**  
**No.57 Jintong Road, Binhai,**  
**(seafront), Industrial Park,**  
**Xiangshan Ningbo**  
**315712 Zhejiang**  
**P.R. China**

Product: **PV-Inverter**  
**(Hybrid Inverter)**

Identification: Type Designation: S6-EH3P8K02-NV-YD-L S6-EH3P10K02-NV-YD-L  
S6-EH3P12K02-NV-YD-L  
S6-EH3P15K02-NV-YD-L  
Serial Number : 1033320246120015  
Firmware Version: A2  
Remark(s) : Refer to report CN24470P 001 for details.

Tested acc. to: EN 50549-1:2019  
EN 50549-1:2019/A1  
EN 50549-10:2022

The certificate of conformity refers to the above mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned above. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

Durch die DAKKS nach  
DIN EN ISO/IEC 17065:2013  
akkreditierte Zertifizierungsstelle

Die Akkreditierung gilt nur für den in der  
Urkundenanlage D-ZE-14169-01-02  
aufgeführten Akkreditierungsumfang.

Certification Body

Date 02.07.2024



A. Chen

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

Certificate No.: A3 50636496 0001

# Certificate Of Conformity

**License holder:** Ginlong technologies Co., Ltd.  
No.57 Jintong Road, Binhai, (seafont) industrial Park, Xiangshan, Ningbo,  
zhejiang, 315712, P.R. China

**Type of product:** PV Inverter (Hybrid Inverter)

**Model:** S6-EH3P8K02-NV-YD-L, S6-EH3P10K02-NV-YD-L, S6-EH3P12K02-NV-YD-L,  
S6-EH3P15K02-NV-YD-L

**Firmware version:** A2

**Standard:** **EN 50549-1: 2019**  
Requirements for generating plants to be connected in parallel with distribution  
networks - Part 1: Connection to a LV distribution network - Generating plants up  
to and including Type B  
**EN 50549-1:2019/A1**  
Requirements for generating plants to be connected in parallel with distribution  
networks - Part 1: Connection to a LV distribution  
**EN 50549-10:2022**  
Requirements for generating plants to be connected in parallel with distribution  
networks - Part 10: Tests for conformity assessment of

**Report No.:** CN24470P 001

**Date of issue:** 02.07.2024

*The verification of conformity refers to the above mentioned product. This is to verify that the specimen is in conformity with the assessment requirement mentioned above. This verification does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.*



A. Chen  
Certifier



TÜV Rheinland LGA Products GmbH  
Am Grauen Stein 29 · 51105 Köln · Germany



# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

R 50636739 0001

**Berichtsnummer Report No.:**

CN24ZBJE 001

**Genehmigungsinhaber License Holder:**

Ginlong technologies Co., Ltd.  
No.57 Jintong Road, Binhai,  
(seafront), Industrial Park,  
Xiangshan Ningbo  
315712 Zhejiang  
P.R. China

**Fertigungsstätte Manufacturing Site:**

Ginlong technologies Co., Ltd.  
No. 188 Jinkai Road, Binhai Industrial  
Park, Xiangshan, Ningbo,  
315712 Zhejiang  
P.R. China

**Prüfzeichen Test Mark:**

**Geprüft nach Tested according to:**

IEC 62109-2:2011  
EN 62109-2:2011  
IEC 62109-1:2010  
EN 62109-1:2010  
IEC 62477-1:2012+A1  
EN 62477-1:2012+A11+A1+A12

**Geräteidentifikation**
*Product Identification*
**Produkt:**
*Product:*

PV-Inverter  
(Hybrid Inverter)

**Modell:**
*Type:*

Modelle sind auf nächste(r) Seite(n) gelistet  
*Type designation(s) are listed on the next page(s)*

**Technische Daten:**
*Technical Data:*


Refer to next page(s)  
ANLAGE (Appendix): 1.0

**Gültig ab:**
*Valid from:*

2024-06-28

**Zertifizierungsstelle:**
*Certification body:*
**Ausstellungsdatum:**
*Date of issue:*

2024-06-28

  
Dipl.-Ing. (FH) Fan He



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

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

R 50636739 0001

**Berichtsnummer Report No.:**

CN24ZBJE 001

**Produkt Product:** PV-Inverter  
(Hybrid Inverter)

**Modell Type: Bezeichnung Designation:**

1) S6-EH3P8K02-NV-YD-L , 2) S6-EH3P10K02-NV-YD-L ,  
3) S6-EH3P12K02-NV-YD-L , 4) S6-EH3P15K02-NV-YD-L

Vmax PV[Vd.c.]	: 1000
Isc PV[Ad.c.]	: 30/50
MPP Voltage Range[Vd.c.]	: 200-850
Max. Input Current[Ad.c.]	: 1)2)3) 20/40, 4) 40/40
Overvoltage Category(OVC)	: II for PV
Rated Input/Output Volt.[Va.c.]	: 3/N/PE, 380/400
Rated Input/Output Freq.[Hz]	: 50/60
Rated Output Power[W]	: 1)8000, 2)10000, 3)12000, 4)15000
Max. Output Current[Aa.c.]	: 1)12.2, 2)15.2, 3)18.2, 4)22.8
Max. Input Current[Aa.c.]	: 1)18.3/17.3, 2)22.8/21.7, 3)27.3/26.0, 4)34.2/32.5
Power Factor	: 0.8(leading),0.80(lagging)
Overvoltage Category(OVC)	: III for AC mains
Back-up Rated Output Volt. [Va.c.]	: 3/N/PE, 380/400
Back-up Rated Output Freq. [Hz]	: 50/60
Back-up Rated Output Power [W]	: 1)8000, 2)10000, 3)12000, 4)15000
Back-up Rated Output Current [Aa.c.]	: 1)12.2/11.5, 2)15.2/14.4, 3)18.2 /17.3, 4)22.8 /21.7
Overvoltage Category (OVC)	: II for Back-up
VMAX BAT [Vd.c.]	: 60
Battery type	: Li-ion Battery
Voltage Range [Vd.c.]	: 40-60
Max. Charge/Discharge Current [A]	: 1)180, 2)220, 3)250, 4)290
Overvoltage Category (OVC)	: II for Battery
Protective Class	: Class I
Ingress Protection (IP)	: IP66
Pollution Degree (PD)	: PD2(inside), PD3(outside)
Altitude[m]	: 4000
Operating Temperature [°C]	: -25 to 60(derating >45)
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

**Registration No.:** AK 50637015 0001  
**Report No.:** CN24UCWX 001  
**Holder:** Ginlong technologies Co., Ltd.  
No.57 Jintong Road, Binhai,  
(seafront), Industrial Park,  
Xiangshan Ningbo  
315712 Zhejiang  
P.R. China  
**Product:** PV-Inverter  
(Hybrid Inverter)

### Type designation listed on the next page

The certificate of conformity refers to the above-mentioned product. This is to certify that the specimen is in conformity with the assessment requirement mentioned on the next page. This certificate does not imply assessment of the production of the product and does not permit the use of a TÜV Rheinland mark of conformity.

### Certification Body

**Date:** 2024-06-27

*Xinhua Lu*

Xinhua Lu



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

# CERTIFICATE

## of Conformity

**Registration No.:** AK 50637015 0001

**Product:** PV-Inverter  
(Hybrid Inverter)

**Tested according to:** EN IEC 61000-6-4:2019  
EN IEC 61000-6-3:2021  
EN IEC 61000-6-2:2019  
EN IEC 61000-6-1:2019  
EN 55011:2016+A1+A11+A2  
EN 62920:2017+A11+A1  
IEC 61000-6-1:2016  
IEC 61000-6-2:2016  
IEC 61000-6-3:2020  
IEC 61000-6-4:2018  
CISPR 11:2015+A1+A2  
IEC 62920:2017+A1

**Identification:** Type Designation  
S6-EH3P8K02-NV-YD-L  
S6-EH3P10K02-NV-YD-L  
S6-EH3P12K02-NV-YD-L  
S6-EH3P15K02-NV-YD-L  
Serial No.: n.a.  
Remark: Refer to test report CN24UCWX 001 for details



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