

Ginlong Technologies Co., Ltd.

No. 57 Jintong Road,
Binhai Industrial Park - Xiangshan
Ningbo - Zhejiang Province, 315712 - P.R. China
Tel: (+86) 574 6580 2188 - info@ginlong.com

Dichiarazione di conformità alle prescrizioni della Norma CEI 0-21:2022-03
Declaration of Conformity to Requirements of the Standard CEI 0-21:2022-03

TIPOLOGIA DI APPARATO CUI SI RIFERISCE LA DICHIARAZIONE:
Type of Device to Which This Declaration Refers:

Table with 4 columns: DISPOSITIVO DI INTERFACCIA, PROTEZIONE DI INTERFACCIA, DISPOSITIVO DI CONVERSIONE STATICA, DISPOSITIVO DI GENERAZIONE ROTANTE. Values: Si/Yes, Si/Yes, Si/Yes, No.

Table with 5 columns: COSTRUTTORE, MODELLO DI INVERTER, VERSIONE FIRMWARE, NUMERO DI FASI, POTENZA NOMINALE. Lists various inverter models and their rated power (2500W to 6000W).

NOTA: Il dispositivo è in grado di limitare la Idc allo 0,5% della corrente nominale.
Note: The device is capable to limit Idc to 0.5% of the rated current.

Esaminati i Fascicoli Prove n°70.409.19.076.29-02, emessi dal laboratorio TÜV SÜD Product Service GmbH con accreditamento DAkKS (n. D-PL-19065-01-00)
Ai sensi degli articoli 46 e 47 del DPR 28 Dicembre 2000, n° 445, il sottoscritto Yiming Wang, in qualità di legale rappresentante di Ginlong Technologies Co., Ltd. - No. 57 Jintong Road - Binhai Industrial Park - Xiangshan - Ningbo - Zhejiang Province - China, dichiara che il prodotto indicato è conforme alle prescrizioni CEI-0-21: 2022-03.

Taken into account test report No.70.409.19.076.29-02 issued by test lab TÜV SÜD certification and Testing(China) Co.,Ltd. Guangzhou Branch with DAkKS accreditation (No. D-PL-19065-01-00)
According with the articles 46 and 47 of Italian DPR 28 December 2000, n° 445, the undersigned Yiming Wang, as legal representative of Ginlong Technologies Co., Ltd. - No. 57 Jintong Road - Binhai Industrial Park - Xiangshan - Ningbo - Zhejiang Province - China, hereby declares that the product complies with the requirements of CEI-0-21: 2022-03

DATA 01/12/2022
DATE 01/12/2022

FIRMA LEGALE RAPPRESENTANTE
SIGNATURE LEGAL REPRESENTATIVE



I hereby certify, that the above is the true signature, subscribed in my presence, of

**Mr. Yiming Wang, born on April 13, 1981, business address No.57 Jintong Road, Binhai Industrial Park, Xiangshan Ningbo, Zhejiang Province, China, identified himself by submission of his valid government-issued photo identification**

Acting on behalf of Ginlong Technologies Co., Ltd. as Chief Executive Officer under the document

Dichiarazioni di conformità Declaration of  
\_Comformity\_CEI\_0-21\_2022-03\_Solis-1P(2.5-6)K-4G&S5-GR1P(2.5-6)K&S6-GR1P(2.5-6)K\_REV.00.

Grandall Law Firm (Beijing)

December 6, 2022



# Compliance Document

No. D 086470 0054 Rev. 02

**Holder of Certificate:** **Ginlong Technologies Co., Ltd.**

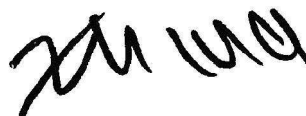
No.57 Jintong Road  
Binhai Industrial Park, Xiangshan  
315712 Ningbo, Zhejiang  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**  
**PV Grid-Tied Inverter**

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704091907629-02

**Date,** 2021-09-02



( Zhengdong Ma )

# Compliance Document

No. D 086470 0054 Rev. 02

## Model(s):

**Solis-1P2.5K-4G, Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P2.5K, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K, S6-GR1P2.5K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K**

## Parameters:

Max. input voltage:	550 Vd.c. (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K) 600 Vd.c. (Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Mpvt voltage range:	50-450 Vd.c. (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K) 90-520 Vd.c. (Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Max. input current:	2 x 11 A (Solis-1P2.5K-4G, Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G) 2 x 12.5 A (S5-GR1P2.5K, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K) 2 x 14 A (S6-GR1P2.5K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Isc PV(absolute maximum):	2 x 17.2 A (Solis-1P2.5K-4G, Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P2.5K, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K) 2 x 22 A (S6-GR1P2.5K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Rated grid voltage:	3/N/PE~, 230/400 V
Rated grid frequency:	50 Hz
Rated output power:	2500W (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K), 3000W (Solis-1P3K-4G, S5-GR1P3K, S6-GR1P3K), 3600W (Solis-1P3.6K-4G, S5-GR1P3.6K, S6-GR1P3.6K), 4000W (Solis-1P4K-4G, S5-GR1P4K, S6-GR1P4K), 4600W (Solis-1P4.6K-4G, S5-GR1P4.6K, S6-GR1P4.6K), 5000W (Solis-1P5K-4G, S5-GR1P5K, S6-GR1P5K), 6000W (Solis-1P6K-4G, S5-GR1P6K, S6-GR1P6K)

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Max. AC output active power:	2800W (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K), 3300W (Solis-1P3K-4G, S5-GR1P3K, S6-GR1P3K), 4000W (Solis-1P3.6K-4G, S5-GR1P3.6K, S6-GR1P3.6K), 4400W (Solis-1P4K-4G, S5-GR1P4K, S6-GR1P4K), 5000W (Solis-1P4.6K-4G, S5-GR1P4.6K, S6-GR1P4.6K), 5000W (Solis-1P5K-4G, S5-GR1P5K, S6-GR1P5K), 6000W (Solis-1P6K-4G, S5-GR1P6K, S6-GR1P6K)
Max. AC output apparent power:	2800VA (Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K), 3300VA (Solis-1P3K-4G, S5-GR1P3K, S6-GR1P3K), 4000VA (Solis-1P3.6K-4G, S5-GR1P3.6K, S6-GR1P3.6K), 4400VA (Solis-1P4K-4G, S5-GR1P4K, S6-GR1P4K), 5000VA (Solis-1P4.6K-4G, S5-GR1P4.6K, S6-GR1P4.6K), 5000VA (Solis-1P5K-4G, S5-GR1P5K, S6-GR1P5K), 6000VA (Solis-1P6K-4G, S5-GR1P6K, S6-GR1P6K)
Max. continuous output current:	13.3A(Solis-1P2.5K-4G, S5-GR1P2.5K, S6-GR1P2.5K), 15.7A(Solis-1P3K-4G, S5-GR1P3K, S6-GR1P3K), 16A(Solis-1P3.6K-4G, S5-GR1P3.6K, S6-GR1P3.6K), 21A(Solis-1P4K-4G, S5-GR1P4K, S6-GR1P4K), 23.8A(Solis-1P4.6K-4G, S5-GR1P4.6K, S6-GR1P4.6K), 25A(Solis-1P5K-4G, S5-GR1P5K, S6-GR1P5K), 27.3A(Solis-1P6K-4G, S5-GR1P6K, S6-GR1P6K)
Adjustable displacement factor:	-0,8... 1... +0,8
Operating temperature Range:	-25 °C... +60 °C
Ingress Protection:	IP65 (Solis-1P2.5K-4G, Solis-1P3K-4G, Solis-1P3.6K-4G, Solis-1P4K-4G, Solis-1P4.6K-4G, Solis-1P5K-4G, Solis-1P6K-4G, S5-GR1P2.5K, S5-GR1P3K, S5-GR1P3.6K, S5-GR1P4K, S5-GR1P4.6K, S5-GR1P5K, S5-GR1P6K) IP66 (S6-GR1P2.5K, S6-GR1P3K, S6-GR1P3.6K, S6-GR1P4K, S6-GR1P4.6K, S6-GR1P5K, S6-GR1P6K)
Protective Class:	I
Overvoltage category:	II(PV), III(Mains)
Inverter topology:	Non-isolated

**Tested according to:**

CEI 0-21:2019/V1:2020