



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;V1:2022-11**  
Declaration of Conformity to Requirements of the Standard CEI 0-21;V1:2022-11

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

DISPOSITIVO DI INTERFACCIA Interface Device	PROTEZIONE DI INTERFACCIA Interface Protection	DISPOSITIVO DI CONVERSIONE STATICA Static Conversion Device	DISPOSITIVO DI GENERAZIONE ROTANTE Rotary Generating Device
Si/Yes	Si/Yes	Si/Yes	No

COSTRUTTORE: Manufacturer	MODELLO DI INVERTER: Inverter Model	VERSIONE FIRMWARE: Firmware Version	NUMERO DI FASI (monofase/trifase) Number of Phase (Single/Three Phase)	POTENZA NOMINALE: Rated Power [W]
Ginlong Technologies Co., Ltd.  No. 57 Jintong Road, Binhai Industrial Park - Xiangshan Ningbo - Zhejiang Province, 315712 - P.R. China	Solis-1P2.5K-4G/ S5-GR1P2.5K/S6-GR1P2.5K	2E e superiore/and upper	Monofase/Single	2500
	Solis-1P3K-4G/ S5-GR1P3K/S6-GR1P3K			3000
	Solis-1P3.6K-4G/ S5-GR1P3.6K/S6-GR1P3.6K			3600
	Solis-1P4K-4G/ S5-GR1P4K/S6-GR1P4K			4000
	Solis-1P4.6K-4G/ S5-GR1P4.6K/S6-GR1P4.6K			4600
	Solis-1P5K-4G/ S5-GR1P5K/S6-GR1P5K			5000
	Solis-1P6K-4G/ S5-GR1P6K/S6-GR1P6K			6000

**NOTA: Il dispositivo è in grado di limitare la I<sub>dc</sub> allo 0,5% della corrente nominale.**  
Note: The device is capable to limit I<sub>dc</sub> 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 articolo 76 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;V1:2022-11.

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 article 76 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;V1:2022-11

DATA 13/12/2023  
DATE 13/12/2023

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 conformit\_Declaration\_of  
\_Comformity\_CEI\_0-21;V1\_2022-11\_Solis-1P(2.5-6)K-4G&S5-G  
R1P(2.5-6)K&S6-GR1P(2.5-6)K\_REV.00

Grandall Law Firm (Beijing)

January 2<sup>nd</sup> 2024



# 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**

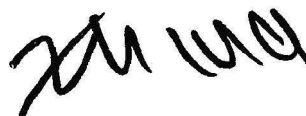
This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**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