

Compliance Document

No. D 086470 0075 Rev. 01

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

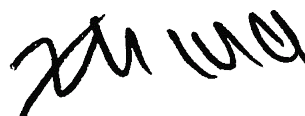
No.57 Jintong Road
Binhai Industrial Park, Xiangshan
315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Hybrid 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

Test report no.: 704092008125-01

Date, 2022-07-01



(Zhengdong Ma)

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Model(s): RHI-3P5K-HVES-5G, RHI-3P6K-HVES-5G,
RHI-3P8K-HVES-5G, RHI-3P10K-HVES-5G

Parameters:

Hybrid inverter parameters:	
Inverter model name	RHI-3P5K-HVES-5G, RHI-3P6K-HVES-5G, RHI-3P8K-HVES-5G, RHI-3P10K-HVES-5G
a) PV input:	
Rated voltage	600 V
MPPT voltage range	200 - 850 V
Max. input current	13 A/13 A (RHI-3P5K-HVES-5G, RHI-3P6K-HVES-5G) 26 A/13 A (RHI-3P8K-HVES-5G) 26 A/26 A (RHI-3P10K-HVES-5G)
b) Battery input:	
Battery voltage range	d.c. 160-600V
Max. charge/discharge Power	5000W (RHI-3P5K-HVES-5G), 6000W (RHI-3P6K-HVES-5G), 8000W (RHI-3P8K-HVES-5G), 10000W (RHI-3P10K-HVES-5G)
Max. charge current	d.c. 25A
c) AC-output (grid side):	
Rated output voltage	3N/P/E ~ 400 Va.c
Rated output frequency	50Hz
Rated output power	5000W (RHI-3P5K-HVES-5G) 6000W (RHI-3P6K-HVES-5G) 8000W (RHI-3P8K-HVES-5G) 10000W (RHI-3P10K-HVES-5G)
Max. apparent output power	5500VA (RHI-3P5K-HVES-5G) 6600VA (RHI-3P6K-HVES-5G) 8800VA (RHI-3P8K-HVES-5G) 10000VA (RHI-3P10K-HVES-5G)
Max. output current	a.c. 8.4A (RHI-3P5K-HVES-5G) a.c. 10.0A (RHI-3P6K-HVES-5G) a.c. 13.4A (RHI-3P8K-HVES-5G) a.c. 16.7A (RHI-3P10K-HVES-5G)
Displacement factor	-0.8...1...+0.8

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d) AC-output (back-up):	
Rated output voltage	3N/P/E ~ 400 Va.c
Rated output frequency	50Hz
Rated output power	5000W (RHI-3P5K-HVES-5G) 6000W (RHI-3P6K-HVES-5G) 8000W (RHI-3P8K-HVES-5G) 10000W (RHI-3P10K-HVES-5G)
Rated output current	a.c. 7.3A (RHI-3P5K-HVES-5G) a.c. 8.7A (RHI-3P6K-HVES-5G) a.c. 11.6A (RHI-3P8K-HVES-5G) a.c. 14.5A (RHI-3P10K-HVES-5G)
e) Other parameters:	
Protection class:	I
Degree of protection:	IP65
Overvoltage category:	II (PV), III (MAINS)
Ambient temperature:	-25°C...+60°C

**Tested
according to:**

NRS 097-2-1:2017 Edition 2.1