

Compliance Document

No. D 086470 0119 Rev. 00

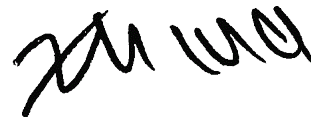
Holder of Certificate: **Ginlong Technologies Co., Ltd.**
No.57 Jintong Road
Binhai Industrial Park, Xiangshan
315712 Ningbo, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

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.: 704092201807-00

Date, 2022-06-30



(Zhengdong Ma)

Compliance Document

No. D 086470 0119 Rev. 00

Model(s): S5-EH1P3K-L-UN, S5-EH1P3K-L-UN-EX,
 S5-EH1P3.6K-L-UN, S5-EH1P3.6K-L-UN-EX,
 S5-EH1P4.6K-L-UN, S5-EH1P4.6K-L-UN-EX,
 S5-EH1P5K-L-UN, S5-EH1P5K-L-UN-EX,
 S5-EH1P6K-L-UN, S5-EH1P6K-L-UN-EX

Parameters:

PV inputs:	
Max. input voltage	d.c. 600V
MPP voltage range	d.c. 90-520V
Max. input current	d.c. 2x15A
Isc PV (absolute maximum)	d.c. 2x22.5A
Battery	
Battery type	Li-ion
Battery voltage range	d.c. 42-58V
Max. charge/discharge current	d.c. 62.5A/62.5A (S5-EH1P3K-L-UN, S5-EH1P3K-L-UN-EX, S5-EH1P3.6K-L-UN, S5-EH1P3.6K-L-UN-EX), d.c.100A/100A (S5-EH1P4.6K-L-UN, S5-EH1P4.6K-L-UN-EX, S5-EH1P5K-L-UN, S5-EH1P5K-L-UN-EX, S5-EH1P6K-L-UN, S5-EH1P6K-L-UN-EX)

Compliance Document

No. D 086470 0119 Rev. 00

AC-output (grid side)	
Rated output voltage	a.c. 230V
Rated output frequency	50Hz
Rated output power	3000W (S5-EH1P3K-L-UN, S5-EH1P3K-L-UN-EX), 3600W (S5-EH1P3.6K-L-UN, S5-EH1P3.6K-L-UN-EX), 4600W (S5-EH1P4.6K-L-UN, S5-EH1P4.6K-L-UN-EX), 5000W (S5-EH1P5K-L-UN, S5-EH1P5K-L-UN-EX), 6000W (S5-EH1P6K-L-UN, S5-EH1P6K-L-UN-EX)
Max. apparent output power	3300VA (S5-EH1P3K-L-UN, S5-EH1P3K-L-UN-EX), 4000VA (S5-EH1P3.6K-L-UN, S5-EH1P3.6K-L-UN-EX), 4600VA (S5-EH1P4.6K-L-UN, S5-EH1P4.6K-L-UN-EX), 5500VA (S5-EH1P5K-L-UN, S5-EH1P5K-L-UN-EX), 6000VA (S5-EH1P6K-L-UN, S5-EH1P6K-L-UN-EX)
Max. output current:	a.c. 15.0A (S5-EH1P3K-L-UN, S5-EH1P3K-L-UN-EX), a.c. 18.2A (S5-EH1P3.6K-L-UN, S5-EH1P3.6K-L-UN-EX), a.c. 21A (S5-EH1P4.6K-L-UN, S5-EH1P4.6K-L-UN-EX), a.c. 25A (S5-EH1P5K-L-UN, S5-EH1P5K-L-UN-EX), a.c. 27.3A (S5-EH1P6K-L-UN, S5-EH1P6K-L-UN-EX)
Displacement factor:	-0.8...1...+0.8

Compliance Document

No. D 086470 0119 Rev. 00

AC-output (back-up)	
Rated output voltage	a.c. 230V
Rated output frequency	50Hz
Rated output power	3000W (S5-EH1P3K-L-UN, S5-EH1P3K-L-UN-EX), 3600W (S5-EH1P3.6K-L-UN, S5-EH1P3.6K-L-UN-EX), 5000W (S5-EH1P4.6K-L-UN, S5-EH1P4.6K-L-UN-EX, S5-EH1P5K-L-UN, S5-EH1P5K-L-UN-EX, S5-EH1P6K-L-UN, S5-EH1P6K-L-UN-EX),
Rated output current	a.c. 13.1A (S5-EH1P3K-L-UN, S5-EH1P3K-L-UN-EX), a.c. 15.7A (S5-EH1P3.6K-L-UN, S5-EH1P3.6K-L-UN-EX), a.c. 21.7A (S5-EH1P4.6K-L-UN, S5-EH1P4.6K-L-UN-EX, S5-EH1P5K-L-UN, S5-EH1P5K-L-UN-EX, S5-EH1P6K-L-UN, S5-EH1P6K-L-UN-EX)
AC-input	
Rated output voltage	a.c. 230V
Rated output frequency	50Hz
Max output current	a.c. 22A (S5-EH1P3K-L-UN, S5-EH1P3K-L-UN-EX), a.c. 26A (S5-EH1P3.6K-L-UN, S5-EH1P3.6K-L-UN-EX), a.c. 34.5A (S5-EH1P4.6K-L-UN, S5-EH1P4.6K-L-UN-EX, S5-EH1P5K-L-UN, S5-EH1P5K-L-UN-EX, S5-EH1P6K-L-UN, S5-EH1P6K-L-UN-EX)
Protection class:	I
Degree of protection:	IP54
Overvoltage category:	II (PV), III (MAINS)
Ambient temperature:	-20°C...+60°C(INV), System based on battery spec.

**Tested
according to:**

XP C15-712-3:2019
DIN V VDE V 0126-1-1/A1 (VDE V 0126-1-1/A1):2012 (with
national deviation of France: DIN VDE 0126-1-1/A1 VFR 2019)