

Compliance Document

No. D 086470 0105 Rev. 00

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

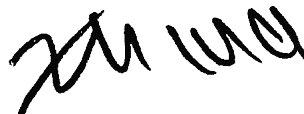
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PEOPLE'S REPUBLIC OF CHINA

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.: 704092201805-00

Date, 2022-04-19



(Zhengdong Ma)

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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:

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|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |
| 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 |

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| 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 |
| Overtoltage category: | II (PV), III (MAINS) |
| Ambient temperature: | -20°C...+60°C(INV), System based on battery spec. |

**Tested
according to:**

EN 50549-1:2019/AC:2019