

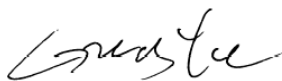
# Certificate of Conformity

Certificate Number: CN-PVES-240264

On the basis of the tests undertaken, the sample<s> of the below product have been found to comply with the requirements of the referenced specification<s>/standard<s> at the time the tests were carried out. It does not imply that Intertek has performed any surveillance or control of the manufacture(s). The manufacturer(s) shall ensure that the manufacturing process assures compliance of the production units with the examined products mentioned in this certificate.

|   |   |
|---|---|
| <b>Applicant:</b>                                     | Qingdao NaHui Intelligent Technologies Co.,Ltd<br>Room 205-2, Building 4, No. 7 Keji 1st Road, Aoshanwei Street Office, Jimo District, Qingdao City, Shandong Province, P.R. China  |
| <b>Product:</b>                                       | Energy Controller   |
| <b>Ratings &amp; Principle Characteristics:</b>       | See appendix of Certificate of Conformity   |
| <b>Model:</b>   | HH1P-3K-A, HH1P-3.6K-A  |
| <b>Brand Name&lt;s&gt;:</b>                           | Haier   |
| <b>Product Complies with:</b>                         | G98 Issue 1 Amendment 7, 3 October 2022<br>Requirements for the connection of Fully Type Tested Micro-generators (up to and including 16 A per phase) in parallel with public Low Voltage Distribution Networks                       |
| <b>Certificate Issuing Office Name &amp; Address:</b> | Intertek Testing Services Ltd. Shanghai<br>West Area, 2 <sup>nd</sup> Floor, No. 707, Zhangyang Road<br>China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China<br>Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012 |
| <b>Test Report No.&lt;s&gt;:</b>                      | 240521039GZU-001, 11 June 2024  |

Additional information in Appendix.



Signature

**Certification Manager: Grady Ye**  
**Date: 18 June 2024**



PRD N° 306B

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

## APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240264

| Model                              | HH1P-3K-A                | HH1P-3.6K-A |
|------------------------------------|--------------------------|-------------|
| Input (PV)                         |                          |             |
| Recommended max. PV power          | 6000W                    | 7360W       |
| Max. input voltage                 | 600 Vd.c.                |             |
| MPPT voltage range                 | 50~550 Vd.c.             |             |
| Start-up voltage                   | 100 Vd.c.                |             |
| Nominal DC input voltage           | 350 Vd.c.                |             |
| Max. input current per MPPT        | 16A                      |             |
| Max. short-circuit current         | 20A                      |             |
| Number of MPP trackers             | 2                        |             |
| Max. input number per MPP tracker  | 1                        |             |
| Input (DC Battery)                 |                          |             |
| Operating voltage range            | 300~600 Vd.c.            |             |
| Battery maximum continuous current | 12A                      |             |
| Output (On Grid)                   |                          |             |
| Rated output power                 | 3000W                    | 3680W       |
| Max. apparent power                | 3300VA                   | 3680VA      |
| Max. output current                | 15A                      | 16A         |
| Rated output voltage               | 220/230/240 Va.c.        |             |
| Rated AC grid frequency            | 50/60Hz                  |             |
| Adjustable power factor            | 0.8 leading~ 0.8 lagging |             |
| General Data                       |                          |             |
| Operating temperature range        | -30 ~ + 60 °C            |             |
| Degree of protection               | IP66                     |             |
| Firmware version                   | V100R001C00              |             |

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