

Certificate of Conformity

Certificate Number: CN-PVES-240265

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.

Applicant:	Qingdao NaHui Intelligent Technologies Co.,Ltd Room 205-2, Building 4, No. 7 Keji 1st Road, Aoshanwei Street Office, Jimo District, Qingdao City, Shandong Province, P.R. China
Product:	Energy Controller
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	HH1P-4K-A, HH1P-4.6K-A, HH1P-5K-A, HH1P-6K-A
Brand Name<s>:	Haier
Product Complies with:	G99 Issue 1 Amendment 9,3 October 2022 Requirements for the connection of generation equipment in parallel with public distribution networks
Certificate Issuing Office Name & Address:	Intertek Testing Services Ltd. Shanghai West Area, 2 nd Floor, No. 707, Zhangyang Road China (Shanghai) Pilot Free Trade Zone, Shanghai, P. R. China Accredited by ACCREDIA in accordance with ISO/IEC 17065:2012
Test Report No.<s>:	240521042GZU-001, 11 June 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 18 June 2024



PRD N° 306B

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APPENDIX: Certificate of Conformity

This is an Appendix to Certificate of Conformity Number: CN-PVES-240265

Model	HH1P-4K-A	HH1P-4.6K-A	HH1P-5K-A	HH1P-6K-A
Input (PV)				
Recommended max. PV power	8000W	9200W	10000W	12000W
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	4000W	4600W	5000W	6000W
Max. apparent power	4400VA	5000VA	5500VA	6600VA
Max. output current	20A	22.7A	25A	30A
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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