


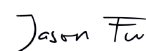
Test Verification of Conformity

Verification Number: 240521048GZU-VOC001

On the basis of the referenced test report(s), sample(s) tested of the below product have been found to comply with the standards harmonized with the directives listed on this verification at the time the tests were carried out. Other standards and Directives may be relevant to the product. This verification is part of the full test report(s) and should be read in conjunction with it them.

Once compliance with all product relevant  mark directives are verified, including any relevant e.g. risk assessment and production control, the manufacturer may indicate compliance by signing a Declaration of Conformity themselves and applying the mark to products identical to the tested sample(s).

Applicant Name & Address:	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 Description:	Energy Controller
Ratings & Principle Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	HH1P-3K-A, HH1P-3.6K-A, HH1P-4K-A, HH1P-4.6K-A, HH1P-5K-A, HH1P-6K-A
Brand Name:	Haier
Relevant Standards/Directives:	Engineering Recommendation G100 Issue 2 2022 Amendment 1 Technical Requirements for Customers' Export and Import Limitation Schemes
Verification Issuing Office Name & Address:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch Room101/301/401/102/202/302/402/502/602/702/802, No. 7-2, Caipin Road, Huangpu District, Guangzhou, Guangdong, China
Date of Tests:	21 May 2024 to 07 June 2024
Test Report Number(s):	240521048GZU-001, 11 June 2024
Additional information in Appendix.	



Signature

Name: Jason Fu

Position: Supervisor

Date: 11 June 2024

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 240521048GZU-VOC001

Ratings & Principle Characteristics:

Model	HH1P-3K-A	HH1P-3.6K-A	HH1P-4K-A	HH1P-4.6K-A	HH1P-5K-A	HH1P-6K-A	Units
DC input (from PV)							
Max. PV power	6000	7360	8000	9200	10000	12000	W
Max. DC input voltage	600						V
Nominal DC input voltage	350						V
Start-up voltage	100						V
MPPT voltage range	50 ~ 550						V
Number of MPP. Trackers	2						
Number of PV strings per MPPT	1						
Max. input current per MPPT	16						A
Max. short circuit current per MPPT	20						A
DC input (from BAT)							
Operating voltage range	300 ~ 600						V
Operating current	12						A
AC output (on-grid)							
Nominal output power	3000	3680	4000	4600	5000	6000	W
Max. output apparent power	3300	3680	4400	5000	5500	6600	VA
Nominal output current	13.6	16	18.2	20.9	22.7	27.3	A
Max. output current	15	16	20	22.7	25	30	A
Nominal output voltage	220 / 230 / 240						V
Nominal grid frequency	50 / 60						Hz
Power factor	0.8 leading ~ 0.8 lagging						
General data							
Storage temperature range	-40 ~ 70						°C
Operating temperature range	-30 ~ 60						°C
Ingress protection rating	IP66						
FW Version	V100R001C00						

Jason Fu

Signature

Name: Jason Fu

Position: Supervisor

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