

Test Verification of Conformity

Verification Number: 251204041GZU-VOC001

On the basis of the tests undertaken, the sample<s> of the below product has been tested by an accredited 3rd party laboratory in accordance to the referenced specification<s>/standard<s> at the time the tests were carried out. This verification is part of the full test report<s> and should be read in conjunction with it <them>.

This document can be used in support of a claim in meeting relevant <EU>legislation and mandatory Conformity Marking. And in accordance with EU law, the claim is the sole obligation of the Manufacturer/ Importer.

Applicant Name & Address:	Shenzhen Aohai Digital Power Co., Ltd. 10th Floor, Building 4, Tianan Yungu Industrial Park Phase II, Gangtou Community, Bantian Street, Longgang District, Shenzhen, Guangdong, P.R. China
Product Description:	Three Phase Hybrid Inverter
Models/Type References:	HTA-15K3P-BH, HTA-20K3P-BH, HTA-25K3P-BH, HTA-30K3P-BH
Ratings & Principle Characteristics:	See Appendix
Brand Names:	
Specification<s>/Standards:	EN IEC 61000-6-3:2021 EN IEC 61000-6-1:2019
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:	17 January 2026 to 07 February 2026
Test Report Number(s):	251204041GZU-001
Additional information in Appendix.	



Signature

Name: Sky Zhu

Position: Supervisor

Date: 13 March 2026

This Verification 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 Verification. Only the Client is authorized to permit copying or distribution of this Verification. 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. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251204041GZU-VOC001.

Model	HTA-15K3P-BH	HTA-20K3P-BH	HTA-25K3P-BH	HTA-30K3P-BH
PV Data				
Max. DC input voltage	1000Vdc			
MPPT voltage range	150 ~ 960Vdc			
PV maximum current	42/42Adc		42/42/42Adc	
Max. PV Isc	54/54Adc		54/54/54Adc	
AC parameter				
Rated input/output voltage	220/380, 230/400, 240/415Vac			
Rated input/output frequency	50/60 Hz			
Rated input/output power	15KW	20KW	25KW	30KW
Max. input/output apparent power	16.5KVA	22KVA	27.5KVA	33KVA
Max. input/output current	25A	33.4A	41.7A	50A
Power factor range	0.8Leading ~ 0.8Lagging			
Type of grid connection	3W+N+PE			
Back-up Data				
Rated output voltage	220/380, 230/400, 240/415a.c. V			
Type of grid connection	3W+N+PE			
Rated output frequency	50/60 Hz			
Max. output apparent power	16.5KVA	22KVA	27.5KVA	33KVA
Max. output current	25A	33.4A	41.7A	50A
Power factor range	0.8Leading ~ 0.8Lagging			
Max. continuous AC passthrough	33KW, 50A		52.8KW, 80A	
Max. continuous GEN passthrough	33KW, 50A		52.8KW, 80A	
Battery Data				
Battery Type	Lithium-ion			
Battery voltage Range	135-750Vdc			

This Verification 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 Verification. Only the Client is authorized to permit copying or distribution of this Verification. 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. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Max. charge/discharge current	50A	50A	80A	80A
Others				
Ingress protection	IP66			
Protection class	Class I			
Operating temperature range	-35°C ~ +60°C (>45°C derating)			
Software version	CC1.0			



Sky Zhu

Signature

Name: Sky Zhu

Position: Supervisor

Date: 13 March 2026

This Verification 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 Verification. Only the Client is authorized to permit copying or distribution of this Verification. 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. The observations and test/inspection results referenced in this Verification are relevant only to the sample tested/inspected. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.