

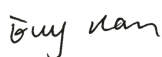
Test Verification of Conformity

Verification Number: 251204043GZU-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, Gangtuo Community, Bantian Street, Longgang District, Shenzhen, Guangdong, P.R. China
Product Description:	Three Phase Hybrid Inverter
Ratings & Principal Characteristics:	See Appendix: Test Verification of Conformity
Models/Type References:	HTA-15K3P-BH, HTA-20K3P-BH, HTA-25K3P-BH, HTA-30K3P-BH
Brand Names:	
Specification<s>/Standards:	IEC/EN 62109-1: 2010 Safety of power converters for use in photovoltaic power systems – Part 1: General requirements IEC/EN 62109-2: 2011 Safety of power converters for use in photovoltaic power systems – Part 2: Particular requirements for inverters Low Voltage Directive 2014/35/EU
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:	12 Dec 2025 to 21 Jan 2026
Test Report Number(s):	251204043GZU-001, 10 Mar 2026 251204043GZU-002, 10 Mar 2026



Signature

Name: Elly Han

Position: Project Manager

Date: 10 Mar 2026

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251204043GZU-VOC001

Ratings & Principle
Characteristics:

Model	HTA-15K3P-BH	HTA-20K3P-BH	HTA-25K3P-BH	HTA-30K3P-BH
PV Data				
Max. PV voltage	1000 Vdc			
PV voltage range	150-950 Vdc			
PV Isc	54/54Aac		54/54/54Aac	
Max. input current	42/42Aac		42/42/42Aac	
AC Data				
Nominal voltage	3L/N/PE 220/380, 230/400, 240/415 Vac			
Nominal Frequency	50/60Hz			
Rated input/output power	15KW	20KW	25KW	30KW
Max. input/output apparent power	16.5KVA	22KVA	27.5KVA	33KVA
Max. input/output current	25 Aac	33.4 Aac	41.7 Aac	50 Aac
Power factor range	0.8 leading ~ 0.8 lagging			
Load Data				
Nominal voltage	3L/N/PE 220/380, 230/400, 240/415 Vac			
Nominal Frequency	50/60Hz			
Max. output apparent power	16.5KVA	22KVA	27.5KVA	33KVA
Max. output current	25 Aac	33.4 Aac	41.7 Aac	50 Aac
Max. continuous GEN passthrough	33 kW, 50 Aac		52.8 kW, 80 Aac	
Max. continuous AC passthrough	33 kW, 50 Aac		52.8 kW, 80 Aac	
Power factor range	0.8 leading ~ 0.8 lagging			

Elly Han

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APPENDIX: Test Verification of Conformity

This is an Appendix to Test Verification of Conformity Number: 251204043GZU-VOC001

Ratings & Principle
Characteristics:

Battery Data				
Battery Type	Lithium-ion/Lead-acid			
Battery voltage range	135-750 Vdc			
Max. charging and discharging current	50 Adc	50 Adc	80 Adc	80 Adc
Other Data				
Safety level	Class I			
Ingress Protection	IP66			
Operation ambient temperature	-40°C ~ +60°C (>45°C Derating)			
Software version	CC1.0			

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