

Certificate of Conformity

Certificate Number: CN-PV-230164

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:	SHENZHEN WAET Technology Co., Ltd. 101-102 Block A Fuyu residence, Pankeng road (No.108 Qinde road), Second Industrial Zone, Baihua Community Guangming District, Shenzhen, P.R. China
Product:	Hybrid Inverter/AC Coupled Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	WIT 50K-H, WIT 63K-H, WIT 75K-H, WIT 100K-H WIT 50K-A, WIT 63K-A, WIT 75K-A, WIT 100K-A WIT 50K-HE, WIT 63K-HE, WIT 75K-HE, WIT 100K-HE WIT 50K-AE, WIT 63K-AE, WIT 75K-AE, WIT 100K-AE WIT 50K-HU, WIT 63K-HU, WIT 75K-HU, WIT 100K-HU WIT 50K-AU, WIT 63K-AU, WIT 75K-AU, WIT 100K-AU
Brand Name<s>:	WAET
Product Complies with:	IEC/EN 62109-1:2010 (First Edition) Safety of Power Converter for use in Photovoltaic Power Systems Part 1: General requirements IEC/EN 62109-2:2011 Safety of Power Converter for use in Photovoltaic Power Systems Part 2: Particular requirements for inverters EN IEC 62477-1:2022, Safety requirements for power electronic converter systems and equipment Part 1: General Low Voltage Directive 2014/35/EU
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>:	220509099GZU-001, 220509099GZU-002, 220509099GZU-003

Additional information in Appendix.



Signature

Certification Manager: Grady Ye
Date: 20 April 2023



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-PV-230164.

Model	WIT 100K-H	WIT 100K-HE WIT 100K-HU	WIT 75K-H	WIT 75K-HE WIT 75K-HU
PV input data				
Max. PV voltage	1100 d.c.V			
PV voltage range	180V-800 d.c.V			
Max. input current	32 d.c.A*10			
PV Isc	40 d.c.A*10			
AC input/output data				
Rated input/ output power	100/100 KW	200/100 KW	75/75 KW	150/75 KW
Max. input/output apparent power	110/110 KVA	200/110 KVA	82.5/82.5 KVA	150/82.5 KVA
Nominal voltage	3W/N/PE 220V/380 a.c.V 230V/400 a.c.V 240V/415 a.c.V			
Max. input/output current	166.7/166.7 a.c.A	303/166.7 a.c.A	125/125 a.c.A	227.3/125 a.c.A
Nominal frequency	50/60 Hz			
Power factor range	1.0 Leading – 1.0 lagging			
Stand alone data				
Rated AC output power	100 KW		75 KW	
Nominal AC output voltage	220V/380 a.c.V 230V/400 a.c.V 240V/415 a.c.V			
Nominal AC output frequency	50/60 Hz			
Battery data				
Battery voltage range	600V-1000 d.c.V			
Max. charging and discharging current	167 d.c.A		125 d.c.A	
Type of battery	Lithium			
Others				
Safety level	Class I			
Ingress protection	IP66			
Operation ambient temperature	-30°C - +60°C			
Software version	TO1.0			

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-PV-230164.

Model	WIT 63K-H	WIT 63K-HE WIT 63K-HU	WIT 50K-H	WIT 50K-HE WIT 50K-HU
PV input data				
Max. PV voltage	1100 d.c.V			
PV voltage range	180V-800 d.c.V			
Max. input current	32 d.c.A*8		32 d.c.A*7	
PV Isc	40 d.c.A*8		40 d.c.A*7	
AC input/output data				
Rated input/ output power	63/63 KW	126/63 KW	50/50 KW	100/50 KW
Max. input/output apparent power	69.3/69.3 KVA	126/69.3 KVA	55/55 KVA	100/55 KVA
Nominal voltage	3W/N/PE 220V/380 a.c.V 230V/400 a.c.V 240V/415 a.c.V			
Max. input/output current	105/105 a.c.A	190.9/105 a.c.A	83.3/83.3 a.c.A	151.5/83.3 a.c.A
Nominal frequency	50/60 Hz			
Power factor range	1.0 Leading – 1.0 lagging			
Stand alone data				
Rated AC output power	63 KW		50 KW	
Nominal AC output voltage	220V/380 a.c.V 230V/400 a.c.V 240V/415 a.c.V			
Nominal AC output frequency	50/60 Hz			
Battery data				
Battery voltage range	600V-1000 d.c.V			
Max. charging and discharging current	105 d.c.A		83.3 d.c.A	
Type of battery	Lithium			
Others				
Safety level	Class I			
Ingress protection	IP66			
Operation ambient temperature	-30°C - +60°C			
Software version	TO1.0			

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-PV-230164.

Model	WIT 100K-A	WIT 100K-AE WIT 100K-AU	WIT 75K-A	WIT 75K-AE WIT 75K-AU
AC input/output data				
Rated input/ output power	100/100 KW	200/100 KW	75/75 KW	150/75 KW
Max. input/output apparent power	110/110 KVA	200/110 KVA	82.5/82.5 KVA	150/82.5 KVA
Nominal voltage	3W/N/PE 220V/380 a.c.V 230V/400 a.c.V 240V/415 a.c.V			
Max. input/output current	166.7/166.7 a.c.A	303/166.7 a.c.A	125/125 a.c.A	227.3/125 a.c.A
Nominal frequency	50/60 Hz			
Power factor range	1.0 Leading – 1.0 lagging			
Stand alone data				
Rated AC output power	100 KW		75 KW	
Nominal AC output voltage	220V/380 a.c.V 230V/400 a.c.V 240V/415 a.c.V			
Nominal AC output frequency	50/60 Hz			
Battery data				
Battery voltage range	600V-1000 d.c.V			
Max. charging and discharging current	167 d.c.A	125 d.c.A		
Type of battery	Lithium			
Others				
Safety level	Class I			
Ingress protection	IP66			
Operation ambient temperature	-30°C - +60°C			
Software version	TO1.0			

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-PV-230164.

Model	WIT 63K-A	WIT 63K-AE WIT 63K-AU	WIT 50K-A	WIT 50K-AE WIT 50K-AU
AC input/output data				
Rated input/ output power	63/63 KW	126/63 KW	50/50 KW	100/50 KW
Max. input/output apparent power	69.3/69.3 KVA	126/69.3 KVA	55/55 KVA	100/55 KVA
Nominal voltage	3W/N/PE 220V/380 a.c.V 230V/400 a.c.V 240V/415 a.c.V			
Max. input/output current	105/105 a.c.A	190.9/105 a.c.A	83.3/83.3 a.c.A	151.5/83.3 a.c.A
Nominal frequency	50/60 Hz			
Power factor range	1.0 Leading – 1.0 lagging			
Stand alone data				
Rated AC output power	63 KW		50 KW	
Nominal AC output voltage	220V/380 a.c.V 230V/400 a.c.V 240V/415 a.c.V			
Nominal AC output frequency	50/60 Hz			
Battery data				
Battery voltage range	600V-1000 d.c.V			
Max. charging and discharging current	105 d.c.A	83.3 d.c.A		
Type of battery	Lithium			
Others				
Safety level	Class I			
Ingress protection	IP66			
Operation ambient temperature	-30°C - +60°C			
Software version	TO1.0			

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.