

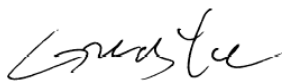
Certificate of Conformity

Certificate Number: CN-PVES-240138

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:	REFU Elektronik GmbH Marktstrasse 185, 72793 Pfullingen, Germany
Product:	Solar Grid-tied Inverter
Ratings & Principle Characteristics:	See appendix of Certificate of Conformity
Model:	REFUso1 110K-10T, REFUso1 125K-10T, REFUso1 125K-10T-A
Brand Name<s>:	
Product Complies with:	IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-14:2009, IEC 60068-2-30:2005, IEC 61683:1999, IEC 61727:2004, IEC 62116:2014
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>:	240307097GZU-001, 09 April 2024 240307097GZU-002, 09 April 2024 240307097GZU-003, 09 April 2024

Additional information in Appendix.



Signature

Certification Manager: Grady Ye

Date: 18 April 2024



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-PVES-240138.

Model	REFUsol 110K-10T	REFUsol 125K-10T	REFUsol 125K-10T-A
Max. DC input Voltage	1100Vdc		
Operating MPPT voltage range	180Vdc – 1000Vdc		
Max. Input current	40A*10		
PV Isc	50A*10		
Nominal AC output voltage	3/N/PE 230Vac/400Vac		
Nominal AC output Frequency	50/60Hz		
Max. AC output current	159.5A	181.2A	181.2A
Rated Output power	100.0KW	110.0KW	125.0KW
Max.Output Power	110.0KVA	125.0KVA	125.0KVA
Power factor	1(adjustable +/-0.8)		
Safety level	Class I		
Ingress Protection	IP 66		
Operation Ambient Temperature	-30°C - 60°C		
Software version	V000001		

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